

Converting Colors

YUV(235.5890, -3.2484,
15.2694)

Have a look what the booklet for
YUV(235.5890, -3.2484, 15.2694)
contains.

| | |
|--|----|
| YUV(235.5890, -3.2484, 15.2694) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**YUV(235.5890, -3.2484,
15.2694)**

Conversions

| Conversions Part 1 | |
|--------------------|---------------------------|
| Format | Color |
| Hex | FDE4E5 |
| RGB | 253, 228, 229 |
| RGB Percent | 99%, 89%, 90% |
| CMY | 0.0078, 0.1059, 0.1020 |
| CMYK | 0.00, 0.10, 0.09, 0.01 |
| HSL | 358°, 86%, 94% |
| HSV | 358°, 10%, 99% |
| XYZ | 82.3943, 82.0266, 85.6188 |
| YIQ | 235.5890, 14.5790, 5.6110 |

Conversions

Conversions Part 2

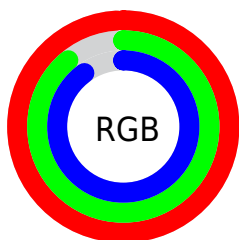
| Format | Color |
|-------------------------------------|---|
| RYB | 253, 228, 229 |
| Decimal | 16639205 |
| CIELab | 92.59, 8.70, 2.62 |
| CIELCh | 93, 9.088, 16.740 |
| Yxy | 82.0266, 0.3295, 0.3281 |
| Android (android.graphics.Color) | 4294829285 (0xFFFD E4E5) |
| YUV | 235.5890, -3.2484, 15.2694 |
| Hunter-Lab | 90.5685, 3.8945, 7.3483 |

Details

The YUV color **235.5890, -3.2484, 15.2694** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **245.4110, 3.2484, -15.2694**, and the grayscale version is **236.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, 0.0000, 0.0000**, and **179.9910, -2.9536, 14.0399** is the 20% darker color. If you saturate the color by 10%, you get **218.1780, -6.4968, 30.5389**, and if you desaturate by 10%, it is **253.0000, 0.0000, 0.0000**.

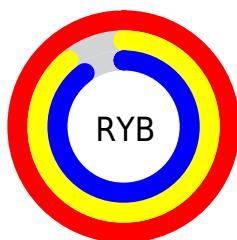
Distribution



Red (99%)

Green (89%)

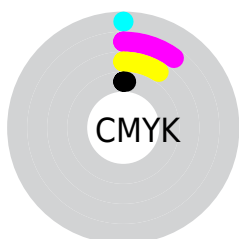
Blue (90%)



Red (99%)

Yellow (89%)

Blue (90%)

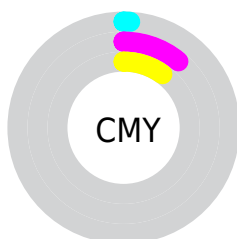


Cyan (0%)

Magenta (10%)

Yellow (9%)

Black (1%)



Cyan (1%)

Magenta (11%)

Yellow (10%)


Brightness & Saturation

Gradients

These gradients show how the YUV color 235.5890, -3.2484, 15.2694 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 235.5890, -3.2484, 15.2694 by changing the saturation by 10% instead.


 235.5890, -3.2484,
15.2694


 235.5890, -3.2484,
15.2694


255.0000, 0.0000,
0.0000


 207.2900, -3.1010,
14.6547

 179.9910, -2.9536,
14.0399

 152.9910, -2.9536,
14.0399

 126.6920, -2.8062,
13.4251

 102.3930, -2.6587,
12.8103

 78.0940, -2.5113,
12.1956

 54.7950, -2.3639,

11.5808

■ 33.1970, -2.0691,
10.3512

■ 9.5890, -3.2484,
15.2694

■ 235.5890, -3.2484,
15.2694

■ 235.5890, -3.2484,
15.2694

■ 218.1780, -6.4968,
30.5389

■ 253.0000, 0.0000,
0.0000

■ 200.0660, -9.8925,
46.4231

254.4020, 0.2948,
-1.2296

■ 182.6550,
-13.1409, 61.6926

■ 165.2440,
-16.3893, 76.9620

■ 147.8330,
-19.6377, 92.2315

■ 129.7210,
-23.0335, 108.1157

■ 112.3100,
-26.2818, 123.3851

■ 94.8990, -29.5302,
138.6546

■ 76.7870, -32.9260,
154.5388

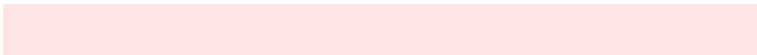
Harmonies

Analogous

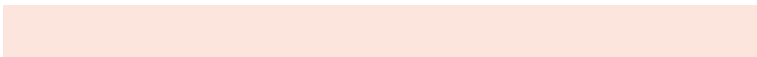
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



235.4190, 1.2724, 11.9105



235.5890, -3.2484, 15.2694



234.6660, -6.7373, 14.3249

Triad

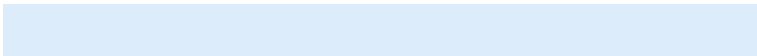
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



235.5890, -3.2484, 15.2694



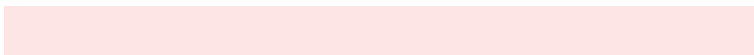
232.0010, -4.9305, -5.2629



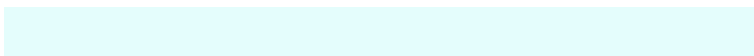
233.1110, 8.3263, -10.6213

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



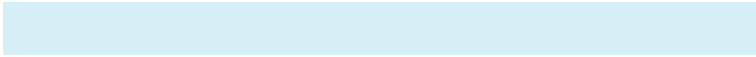
235.5890, -3.2484, 15.2694



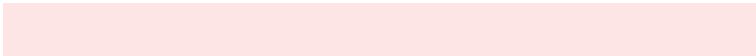
245.4110, 3.2484, -15.2694

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



231.7360, 7.0322, -15.5545



235.5890, -3.2484, 15.2694



231.2820, -1.1250, -12.5253

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



235.5890, -3.2484, 15.2694



233.2470, -8.0098, 2.4144



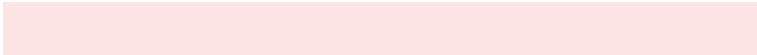
231.1120, 3.3958, -15.8842



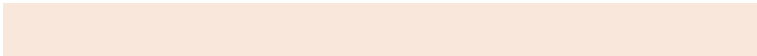
234.3400, 7.7204, -2.9292

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



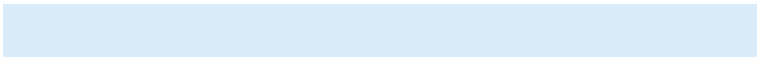
235.5890, -3.2484, 15.2694



234.6010, -8.1843, 11.7509



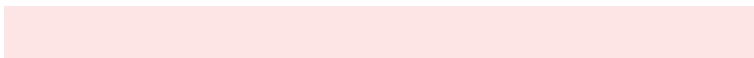
231.1120, 3.3958, -15.8842



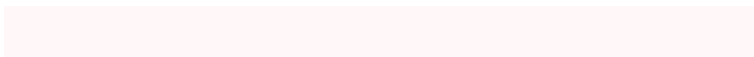
232.1000, 8.3317, -12.3657

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



235.5890, -3.2484, 15.2694



249.5060, -0.7425, 4.8182



238.0260, 7.3822, 12.2552



123.9080, -0.4476, 3.5887



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

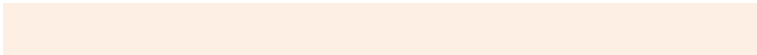
The Same Dimension uses a secret algorithm to generate beautiful new colors.



235.5890, -3.2484, 15.2694



233.4970, -3.6960, 18.8581



241.9320, -6.8685, 9.7066



118.8870, -1.9163, 7.9921



58.0210, -24.6604, 116.6226



19.4780, -8.1237, 39.0458

Inverse Universe

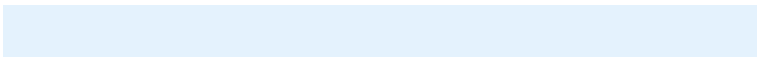
The Inverse Universe completely reimagines the original color for something new.



235.5890, -3.2484, 15.2694



233.4970, -3.6960, 18.8581



239.0680, 6.8685, -9.7066



118.8870, -1.9163, 7.9921



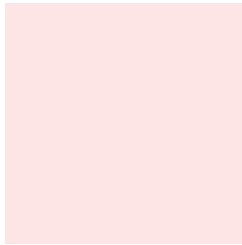
58.0210, -24.6604, 116.6226



19.4780, -8.1237, 39.0458

Previews

White Background



This preview shows how the YUV color 235.5890, -3.2484, 15.2694 looks on a white background.

Color Contrast Check

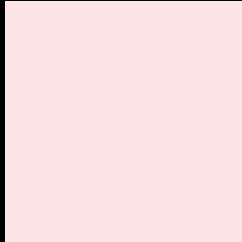
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 235.5890, -3.2484, 15.2694 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

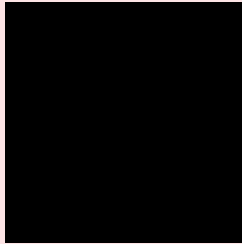
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

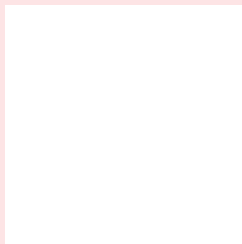
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 235.5890, -3.2484, 15.2694

Background



This preview shows how black text looks on a background with the YUV color 235.5890, -3.2484, 15.2694.

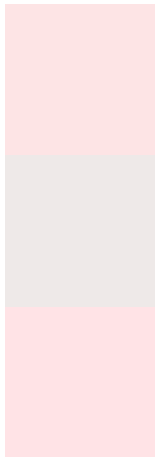


This preview shows how white text looks on a background with the YUV color 235.5890, -3.2484,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

235.5890, -3.2484, 15.2694

Protanopia

234.3810, -1.1738, 3.1739

Deuteranopia

235.7140, -2.8170, 16.9138



Tritanopia

236.6090, 3.1508, 16.1289

Trichromacy

| | |
|--|---|
| | Original Color 235.5890, -3.2484, 15.2694 |
| | Protanomaly 234.5880, -1.7689, 7.3773 |
| | Deuteranomaly 235.4150, -2.6696, 16.2990 |
| | Tritanomaly 236.3270, 0.8248, 15.4992 |

Monochromacy

| | |
|--|---|
| | Original Color 235.5890, -3.2484, 15.2694 |
| | Achromatopsia 236.0000, 0.0000, 0.0000 |
| | Achromatomaly 235.6910, -1.3267, 5.5330 |

CSS Examples

Text

The CSS property to change the color of the text to YUV 235.5890, -3.2484, 15.2694 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(253, 228, 229) looks like.

```
.text, #text, p{  
    color:rgb(253, 228, 229)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(253, 228, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 228, 229) }
```

Border

The CSS property to change the border of an element to YUV 235.5890, -3.2484, 15.2694 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(253, 228, 229) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(253, 228, 229) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(253, 228, 229) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 228, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 228, 229);  
box-shadow:4px 4px 4px 4px rgb(253, 228,  
229) }
```

Background

The CSS property to change the background color of an element to YUV 235.5890, -3.2484, 15.2694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 228, 229) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(253,  
228, 229) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor