

Converting Colors

YUV(235.0130, -2.9644,
17.5286)

Have a look what the booklet for
YUV(235.0130, -2.9644, 17.5286)
contains.

YUV(235.0130, -2.9644, 17.5286)	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(235.0130, -2.9644,
17.5286)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE2E5
RGB	255, 226, 229
RGB Percent	100%, 89%, 90%
CMY	0.0000, 0.1137, 0.1020
CMYK	0.00, 0.11, 0.10, 0.00
HSL	354°, 100%, 94%
HSV	354°, 11%, 100%
XYZ	82.5792, 81.3099, 85.4707
YIQ	235.0130, 16.3210, 7.0810

Conversions

Conversions Part 2

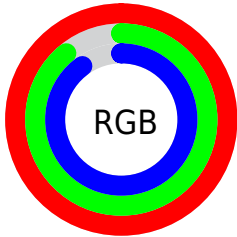
Format	Color
R _Y B	255, 226, 229
Decimal	16769765
CIE Lab	92.27, 10.43, 2.18
CIE LCh	92, 10.652, 11.795
Yxy	81.3099, 0.3312, 0.3261
Android (android.graphics.Color)	4294959845 (0xFFFFE2E5)
YUV	235.0130, -2.9644, 17.5286
Hunter-Lab	90.1720, 5.6688, 6.9216

Details

The YUV color $235.0130, -2.9644, 17.5286$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $245.9870, 2.9644, -17.5286$, and the grayscale version is $235.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $179.4150, -2.6696, 16.2990$ is the 20% darker color. If you saturate the color by 10%, you get $217.7160, -5.7760, 32.6981$, and if you desaturate by 10%, it is $252.3100, -0.1528, 2.3591$.

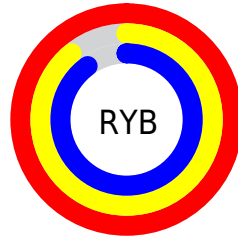
Distribution



Red (100%)

Green (89%)

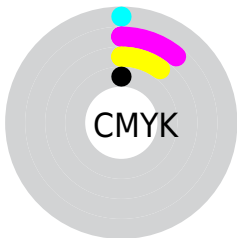
Blue (90%)



Red (100%)

Yellow (89%)

Blue (90%)

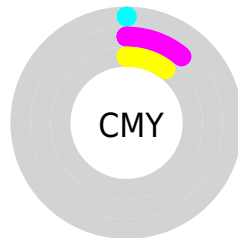


Cyan (0%)

Magenta (11%)

Yellow (10%)

Black (0%)



Cyan (0%)


Magenta (11%)


Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the YUV color 235.0130, -2.9644, 17.5286 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 235.0130, -2.9644, 17.5286 by changing the saturation by 10% instead.

 235.0130, -2.9644,
17.5286


 235.0130, -2.9644,
17.5286


255.0000, 0.0000,
0.0000


 206.7140, -2.8170,
16.9138

 179.4150, -2.6696,
16.2990

 152.4150, -2.6696,
16.2990

 126.1160, -2.5222,
15.6843

 101.5180, -2.2274,
14.4547

 77.2190, -2.0800,
13.8399

 54.5070, -2.2220,

12.7104

■ 33.2080, -2.0745,
12.0956

■ 8.7140, -2.8170,
16.9138

■ 235.0130, -2.9644,
17.5286

■ 235.0130, -2.9644,
17.5286

■ 217.7160, -5.7760,
32.6981

■ 252.3100, -0.1528,
2.3591

■ 199.8320, -8.2982,
48.3823

255.0000, 0.0000,
0.0000

■ 181.9480,
-10.8204, 64.0666

■ 164.7650,
-13.1951, 79.1361

■ 146.8810,
-15.7173, 94.8204

■ 129.5840,
-18.5289, 109.9898

■ 112.2870,
-21.3405, 125.1593

■ 94.4030, -23.8627,
140.8436

■ 79.2090, -26.2320,
154.1687

Harmonies

Analogous

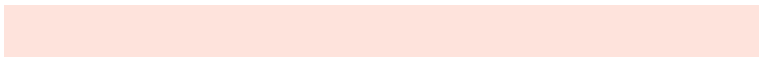
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



235.2450, 1.8512, 12.9401



235.0130, -2.9644, 17.5286



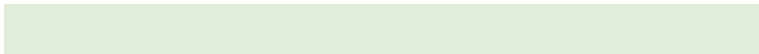
234.2750, -7.0376, 17.2988

Triad

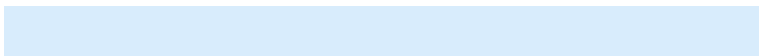
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



235.0130, -2.9644, 17.5286



230.5450, -6.6777, -4.8630



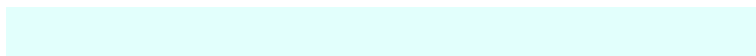
231.8440, 9.9369, -13.8952

Complementary

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



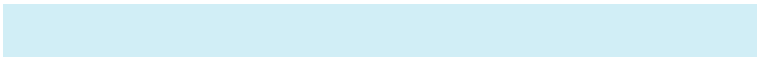
235.0130, -2.9644, 17.5286



245.9870, 2.9644, -17.5286

Split Complementary

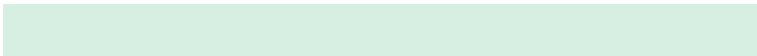
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



230.2410, 7.7692, -18.6284



235.0130, -2.9644, 17.5286



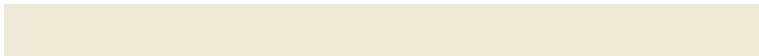
229.7550, -1.8512, -12.9401

Square

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



235.0130, -2.9644, 17.5286



231.9160, -9.3256, 4.4587



229.5030, 3.6960, -18.8581



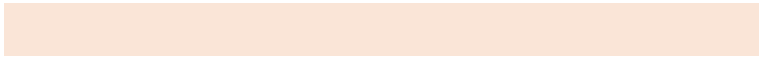
232.8990, 9.9098, -5.1734

Rectangle

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



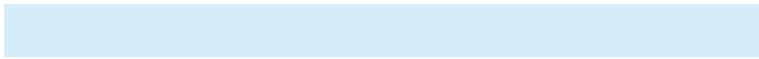
235.0130, -2.9644, 17.5286



233.6830, -9.2107, 14.3100



229.5030, 3.6960, -18.8581



231.3060, 9.2161, -16.0544

Sweetspot

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



235.0130, -2.9644, 17.5286



249.5060, -0.7425, 4.8182



237.0800, 8.8346, 13.0848



123.9080, -0.4476, 3.5887



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

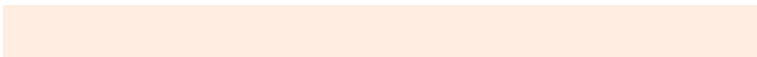
The Same Dimension uses a secret algorithm to generate beautiful new colors.



235.0130, -2.9644, 17.5286



230.2200, -3.5595, 21.7321



241.1280, -7.4581, 12.1657



119.0010, -1.4795, 7.8921



59.3890, -19.4188, 115.4228



19.9340, -6.3765, 38.6459

Inverse Universe

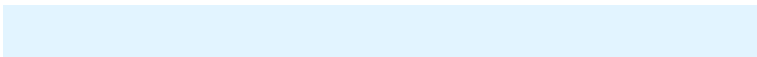
The Inverse Universe completely reimagines the original color for something new.



235.0130, -2.9644, 17.5286



230.2200, -3.5595, 21.7321



239.8720, 7.4581, -12.1657



119.0010, -1.4795, 7.8921



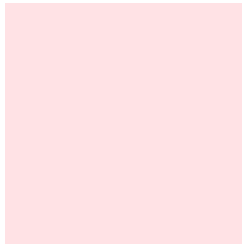
59.3890, -19.4188, 115.4228



19.9340, -6.3765, 38.6459

Previews

White Background



This preview shows how the YUV color 235.0130, -2.9644, 17.5286 looks on a white background.

Color Contrast Check

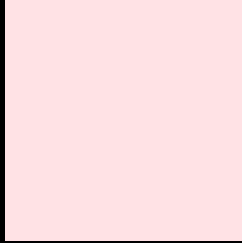
Large Text (above 18pt) WCAG AA × Fail

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 235.0130, -2.9644, 17.5286 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

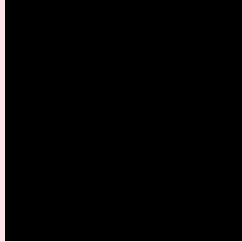
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 235.0130, -2.9644, 17.5286

Background



This preview shows how black text looks on a background with the YUV color 235.0130, -2.9644, 17.5286.



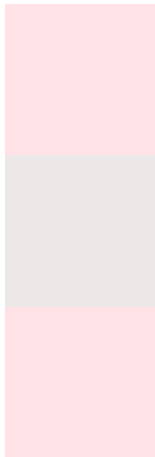
This preview shows how white text looks on a background with the YUV color 235.0130, -2.9644,

17.5286.

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

235.0130, -2.9644, 17.5286

Protanopia

233.4950, -0.7370, 3.0739

Deuteranopia

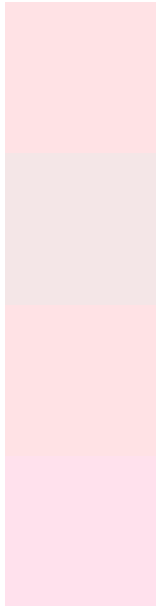
235.0130, -2.9644, 17.5286



Tritanopia

235.7940, 2.5666, 16.8437

Trichromacy



Original Color

235.0130, -2.9644, 17.5286

Protanomaly

234.3000, -1.6269, 8.5069

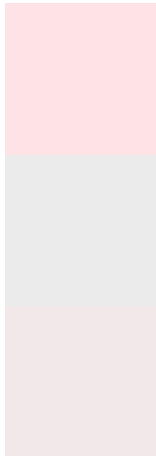
Deuteranomaly

235.0130, -2.9644, 17.5286

Tritanomaly

235.3380, 0.8194, 17.2436

Monochromacy



Original Color

235.0130, -2.9644, 17.5286

Achromatopsia

235.0000, 0.0000, 0.0000

Achromatomaly

235.1040, -1.0373, 6.0478

CSS Examples

Text

The CSS property to change the color of the text to YUV 235.0130, -2.9644, 17.5286 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(255, 226, 229)` looks like.

```
.text, #text, p{  
    color:rgb(255, 226, 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(255, 226, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 226, 229) }
```

Border

The CSS property to change the border of an element to YUV 235.0130, -2.9644, 17.5286 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(255, 226, 229) }
```


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

```
.border{ border-color:rgb(255, 226, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 226, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 226, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 226, 229); box-shadow:4px 4px 4px 4px rgb(255, 226, 229) }
```

Background

The CSS property to change the background color of an element to YUV 235.0130, -2.9644, 17.5286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 226, 229) }
```

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

```
.background{ background-color: rgb(255,  
226, 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