

Converting Colors

YUV(232.5890, -43.6744,
8.2534)

Have a look what the booklet for
YUV(232.5890, -43.6744, 8.2534)
contains.

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Color

**YUV(232.5890, -43.6744,
8.2534)**

Conversions

Conversions Part 1

Format	Color
Hex	F2F590
RGB	242, 245, 144
RGB Percent	95%, 96%, 56%
CMY	0.0510, 0.0392, 0.4353
CMYK	0.01, 0.00, 0.41, 0.04
HSL	62°, 83%, 76%
HSV	62°, 41%, 96%
XYZ	74.3044, 86.1957, 39.1067
YIQ	232.5890, 30.6330, -32.0470

Conversions

Conversions Part 2

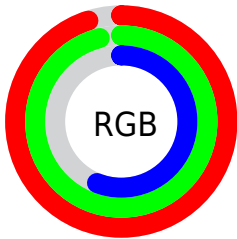
Format	Color
RYB	144, 245, 147
Decimal	15922576
CIELab	94.40, -15.24, 48.17
CIELCh	94, 50.526, 107.555
Yxy	86.1957, 0.3723, 0.4318
Android (android.graphics.Color)	4294112656 (0xFFFF2F590)
YUV	232.5890, -43.6744, 8.2534
Hunter-Lab	92.8416, -19.6131, 40.0150

Details

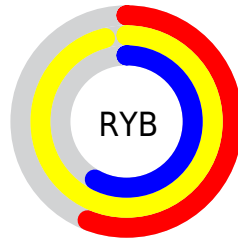
The YUV color $232.5890, -43.6744, 8.2534$ is a light color, and the websafe version is hex $FFFF99$. A complement of this color would be $156.4110, 43.6744, -8.2534$, and the grayscale version is $233.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $248.6160, -24.4607, 5.5988$, and $176.3330, -42.0692, 6.7240$ is the 20% darker color. If you saturate the color by 10%, you get $229.5540, -54.0101, 10.0381$, and if you desaturate by 10%, it is $235.7380, -32.9018, 6.3688$.

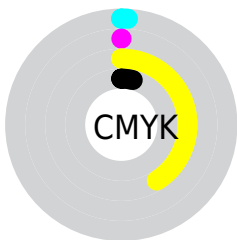
Distribution



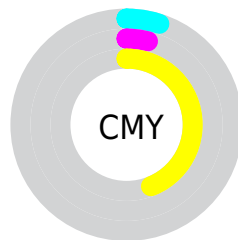
- Red (95%)
- Green (96%)
- Blue (56%)



- Red (56%)
- Yellow (96%)
- Blue (58%)



- Cyan (1%)
- Magenta (0%)
- Yellow (41%)
- Black (4%)



- Cyan (5%)
- Magenta (4%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 232.5890, -43.6744, 8.2534 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 232.5890, -43.6744, 8.2534 by changing the saturation by 10% instead.

232.5890,
-43.6744, 8.2534

232.5890,
-43.6744, 8.2534

255.0000, 0.0000,
0.0000

204.4040,
-43.0902, 7.5387

248.6160,
-24.4607, 5.5988

176.3330,
-42.0692, 6.7240

251.9220,
-11.7935, 2.6994

149.2620,
-41.0482, 5.9092

122.9630,
-40.9008, 5.2944

96.0940, -42.9373,
5.1796

73.2060, -36.0906,
2.4503

52.5290, -25.8968,

-0.4639

■ 31.8410, -15.6976,
-5.1226

■ 12.9140, -6.3666,
-11.3256

■ 232.5890,
-43.6744, 8.2534

■ 232.5890,
-43.6744, 8.2534

■ 229.5540,
-54.0101, 10.0381

■ 235.7380,
-32.9018, 6.3688

■ 226.7040,
-64.9301, 12.5376

■ 238.4740,
-22.4187, 3.9693

■ 223.5550,
-75.7026, 14.4223

■ 241.6230,
-11.6461, 2.0846

■ 220.5200,
-86.0384, 16.2070

■ 244.6580, -1.3104,
0.2999

■ 217.3710,
-96.8109, 18.0916

■ 246.4390, 4.2206,
-0.3850

■ 214.9770,
-105.9837, 20.1912

■ 246.7380, 4.0732,
0.2298

■ 247.0370, 3.9258,
0.8446

■ 247.3360, 3.7784,
1.4593

Harmonies

Analogous

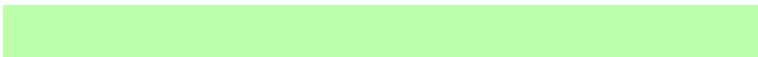
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



226.9700, -41.3972, 24.5823



232.5890, -43.6744, 8.2534



225.0920, -26.6674, -33.4067

Triad

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



232.5890, -43.6744, 8.2534



178.7550, 37.5888, -156.7681



224.4760, 15.0483, 26.7695

Complementary

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



232.5890, -43.6744, 8.2534



156.4110, 43.6744, -8.2534

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.



232.1070, 11.2862, 20.0772



232.5890, -43.6744, 8.2534



214.0920, 20.1676, -75.5027

Square

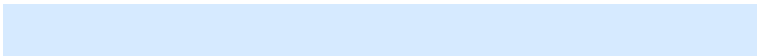
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



232.5890, -43.6744, 8.2534



187.7250, 33.1666, -138.3248



230.4140, 12.1209, -14.3951



218.4000, -3.1552, 32.0982

Rectangle

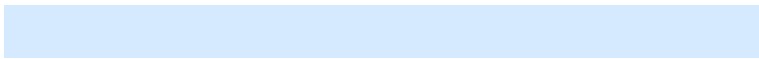
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



232.5890, -43.6744, 8.2534



215.8400, -7.8091, -62.1267



230.4140, 12.1209, -14.3951



226.2370, 14.1802, 25.2252

Sweetspot

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



232.5890, -43.6744, 8.2534



251.1670, -13.3933, 2.4845



175.3730, -15.4669, 61.0629



125.6490, -7.7150, 1.1848



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

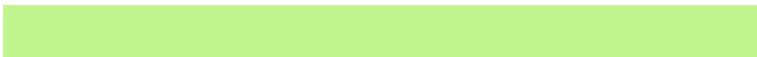
The Same Dimension uses a secret algorithm to generate beautiful new colors.



232.5890, -43.6744, 8.2534



239.5540, -54.0101, 10.0381



217.9380, -36.4514, -21.8706



120.6320, -5.2416, 1.1997



163.3010, -80.5074, 15.5220



51.6760, -25.4763, 4.6691

Inverse Universe

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



156.4110, 43.6744, -8.2534



145.4460, 54.0101, -10.0381



171.0620, 36.4514, 21.8706



111.6670, 5.0942, -0.5850



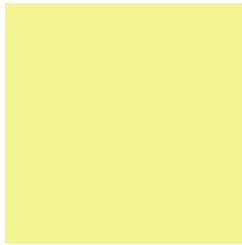
22.9980, 80.3600, -14.9072



7.3240, 25.4763, -4.6691

Previews

White Background



This preview shows how the YUV color 232.5890, -43.6744, 8.2534 looks on a white background.

Color Contrast Check

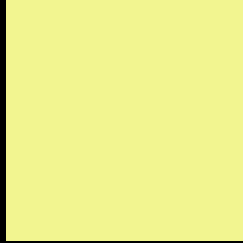
Large Text (above 18pt) WCAG AA × Fail

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 232.5890, -43.6744, 8.2534 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

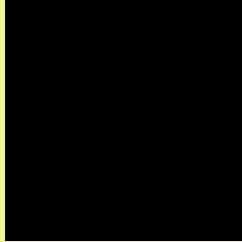
Any Text WCAG AA ✓ Pass

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 232.5890, -43.6744, 8.2534 Background



This preview shows how black text looks on a background with the YUV color 232.5890, -43.6744, 8.2534.

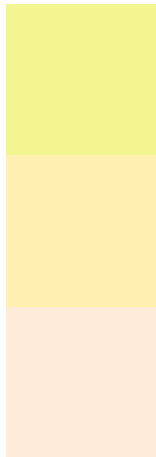


This preview shows how white text looks on a background with the YUV color 232.5890, -43.6744, 8.2534.

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

232.5890, -43.6744, 8.2534

Protanopia

236.7160, -29.4400, 16.0351

Deuteranopia

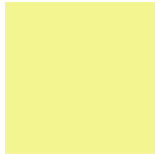
239.4010, -11.5367, 13.6803



Tritanopia

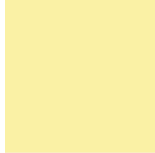
240.7440, 5.0562, 11.6255

Trichromacy



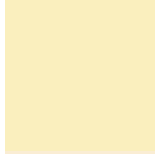
Original Color

232.5890, -43.6744, 8.2534



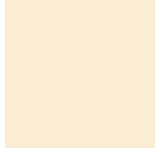
Protanomaly

235.0270, -34.5233, 13.1313



Deuteranomaly

236.7030, -23.0246, 11.6615



Tritanomaly

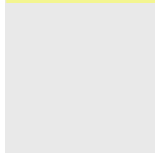
238.0370, -12.8362, 10.4916

Monochromacy



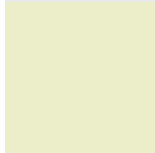
Original Color

232.5890, -43.6744, 8.2534



Achromatopsia

233.0000, 0.0000, 0.0000



Achromatomaly

232.5970, -15.5773, 2.9844

CSS Examples

Text

The CSS property to change the color of the text to YUV 232.5890, -43.6744, 8.2534 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(242, 245, 144)` looks like.

```
.text, #text, p{  
    color:rgb(242, 245, 144)  
}
```

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(242, 245, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 245, 144) }
```

Border

The CSS property to change the border of an element to YUV 232.5890, -43.6744, 8.2534 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(242, 245, 144) }
```


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

```
.border{ border-color:rgb(242, 245, 144) }
```

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

Here you see how a box with a 4 pixel rgb(242, 245, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 245, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 245, 144);  
box-shadow:4px 4px 4px 4px rgb(242, 245,  
144) }
```

Background

The CSS property to change the background color of an element to YUV 232.5890, -43.6744, 8.2534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 245, 144) }
```

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

```
.background{ background-color: rgb(242,  
245, 144) }
```

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](#).

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