

Converting Colors

YUV(210.5150, -64.8369,
29.3663)

Have a look what the booklet for
YUV(210.5150, -64.8369, 29.3663)
contains.

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Color

**YUV(210.5150, -64.8369,
29.3663)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | F4DB4F |
| RGB | 244, 219, 79 |
| RGB Percent | 96%, 86%, 31% |
| CMY | 0.0431, 0.1412, 0.6902 |
| CMYK | 0.00, 0.10, 0.68, 0.04 |
| HSL | 51°, 88%, 63% |
| HSV | 51°, 68%, 96% |
| XYZ | 64.0510, 70.4606, 17.6215 |
| YIQ | 210.5150, 59.8400, -38.2400 |

Conversions

Conversions Part 2

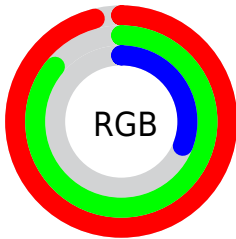
| Format | Color |
|-------------------------------------|---|
| RYB | 108, 244, 79 |
| Decimal | 16046927 |
| CIELab | 87.22, -6.56, 68.98 |
| CIELCh | 87, 69.290, 95.434 |
| Yxy | 70.4606, 0.4210, 0.4632 |
| Android (android.graphics.Color) | 4294237007 (0xFFFF4DB4F) |
| YUV | 210.5150, -64.8369, 29.3663 |
| Hunter-Lab | 83.9408, -10.6921, 46.3119 |

Details

The YUV color **210.5150, -64.8369, 29.3663** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light washed yellow. A complement of this color would be **112.4850, 64.8369, -29.3663**, and the grayscale version is **211.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.3200, -52.4158, 11.9974**, and **152.3100, -70.6518, 27.7921** is the 20% darker color. If you saturate the color by 10%, you get **205.4310, -74.1625, 33.8250**, and if you desaturate by 10%, it is **215.5990, -55.5113, 24.9077**.

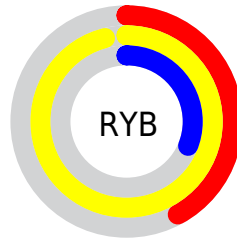
Distribution



Red (96%)

Green (86%)

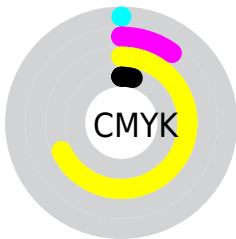
Blue (31%)



Red (42%)

Yellow (96%)

Blue (31%)

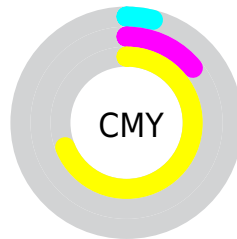


Cyan (0%)

Magenta (10%)

Yellow (68%)

Black (4%)



Cyan (4%)

Magenta (14%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 210.5150, -64.8369, 29.3663 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 210.5150, -64.8369, 29.3663 by changing the saturation by 10% instead.

■ 210.5150,
-64.8369, 29.3663

■ 210.5150,
-64.8369, 29.3663

■ 255.0000, 0.0000,
0.0000

■ 181.8030,
-64.9789, 28.2368

■ 241.3200,
-52.4158, 11.9974

■ 152.3100,
-70.6518, 27.7921

■ 244.5120,
-40.1854, 9.1980

■ 127.3510,
-62.7840, 24.2482

■ 247.7040,
-27.9551, 6.3986

■ 104.0050,
-51.2745, 19.2896

■ 251.0100,
-15.2879, 3.4992

■ 81.8440, -40.3491,
15.0458

■ 254.4300, -2.1840,
0.4999

■ 59.9710, -29.5657,
9.6724

■ 39.2830, -19.3665,

5.0138

■ 20.0680, -9.8935,
-0.0596

■ 0.0000, 0.0000,
0.0000

■ 210.5150,
-64.8369, 29.3663

■ 210.5150,
-64.8369, 29.3663

■ 205.4310,
-74.1625, 33.8250

■ 215.5990,
-55.5113, 24.9077

■ 200.8200,
-84.2143, 37.8689

■ 220.2100,
-45.4595, 20.8638

■ 195.7360,
-93.5398, 42.3275

■ 225.2940,
-36.1339, 16.4052

■ 194.4650,
-95.8712, 43.4422

■ 230.4920,
-26.3716, 11.8465

■ 234.9890,
-16.7566, 7.9026

■ 240.0730, -7.4310,
3.4440

■ 245.2710, 2.3314,
-1.1147

■ 248.1890, 3.3578,
-3.6738

■ 249.9500, 2.4897,
-5.2181

Harmonies

Analogous

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



201.7680, -51.6506, 46.6845



210.5150, -64.8369, 29.3663



203.4140, -48.5181, -24.9191

Triad

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



210.5150, -64.8369, 29.3663



175.2330, 39.3251, -153.6793



205.6920, 24.3088, 43.2431

Complementary

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



210.5150, -64.8369, 29.3663



112.4850, 64.8369, -29.3663

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.



215.2840, 19.5800, 19.9219



210.5150, -64.8369, 29.3663



169.9500, 41.9297, -149.0461

Square

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



210.5150, -64.8369, 29.3663



173.4430, 27.3896, -152.1095



192.8720, 30.6291, -70.9247



193.9910, 7.3994, 53.5049

Rectangle

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



210.5150, -64.8369, 29.3663



193.9860, -26.1221, -68.3937



192.8720, 30.6291, -70.9247



209.8010, 22.2831, 39.6395

Sweetspot

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



210.5150, -64.8369, 29.3663



244.4900, -19.9616, 9.2173



131.5270, -12.0918, 98.6388



121.5310, -12.0938, 5.6733



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.



210.5150, -64.8369, 29.3663



213.2050, -81.4461, 36.6542



208.7450, -63.9643, -17.3164



120.0450, -4.9522, 1.7145



148.3600, -73.1415, 33.0103



46.9910, -23.1666, 10.5319

Inverse Universe

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



112.4850, 64.8369, -29.3663



90.3820, 81.1567, -37.1690



114.2550, 63.9643, 17.3164



112.5420, 4.6628, -2.2293



37.6400, 73.1415, -33.0103



12.0090, 23.1666, -10.5319

Previews

White Background



This preview shows how the YUV color 210.5150, -64.8369, 29.3663 looks on a white background.

Color Contrast Check

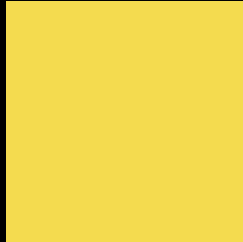
Large Text (above 18pt) WCAG AA × Fail

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 210.5150, -64.8369, 29.3663 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 210.5150, -64.8369, 29.3663

Background



This preview shows how black text looks on a background with the YUV color 210.5150, -64.8369, 29.3663.



This preview shows how white text looks on a background with the YUV color 210.5150, -64.8369, 29.3663.

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

210.5150, -64.8369, 29.3663

Protanopia

210.5150, -64.8369, 29.3663

Deuteranopia

217.6750, -33.8568, 32.7340



Tritanopia

221.7740, -0.3816, 29.1392

Trichromacy



Original Color

210.5150, -64.8369, 29.3663

Protanomaly

210.5150, -64.8369, 29.3663

Deuteranomaly

215.3900, -45.0553, 31.2300

Tritanomaly

217.5850, -23.9524, 29.3050

Monochromacy



Original Color

210.5150, -64.8369, 29.3663

Achromatopsia

211.0000, 0.0000, 0.0000

Achromatomaly

210.8770, -23.6034, 10.6319

CSS Examples

Text

The CSS property to change the color of the text to YUV 210.5150, -64.8369, 29.3663 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(244, 219, 79)` looks like.

```
.text, #text, p{  
    color:rgb(244, 219, 79)  
}
```

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(244, 219, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 219, 79) }
```

Border

The CSS property to change the border of an element to YUV 210.5150, -64.8369, 29.3663 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(244, 219, 79) }
```


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

```
.border{ border-color:rgb(244, 219, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 219, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 219, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 219, 79);  
box-shadow:4px 4px 4px 4px rgb(244, 219,  
79) }
```

Background

The CSS property to change the background color of an element to YUV 210.5150, -64.8369, 29.3663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 219, 79) }
```

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

```
.background{ background-color: rgb(244,  
219, 79) }
```

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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