

Converting Colors

YUV(212.0330, -33.5403,
24.5271)

Have a look what the booklet for
YUV(212.0330, -33.5403, 24.5271)
contains.

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Color

**YUV(212.0330, -33.5403,
24.5271)**

Conversions

Conversions Part 1

Format	Color
Hex	F0D390
RGB	240, 211, 144
RGB Percent	94%, 83%, 56%
CMY	0.0588, 0.1725, 0.4353
CMYK	0.00, 0.12, 0.40, 0.06
HSL	42°, 76%, 75%
HSV	42°, 40%, 94%
XYZ	64.2635, 67.1274, 35.9554
YIQ	212.0330, 38.7910, -14.6890

Conversions

Conversions Part 2

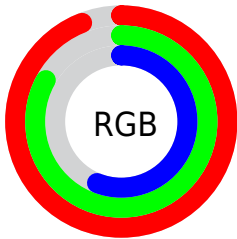
Format	Color
R _Y B	186, 240, 144
Decimal	15782800
CIE Lab	85.57, 1.05, 36.88
CIE LCh	86, 36.893, 88.367
Yxy	67.1274, 0.3840, 0.4011
Android (android.graphics.Color)	4293972880 (0xFFFF0D390)
YUV	212.0330, -33.5403, 24.5271
Hunter-Lab	81.9313, -3.3719, 31.3326

Details

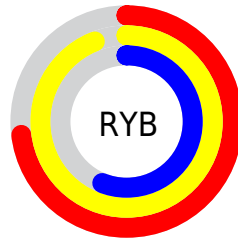
The YUV color $212.0330, -33.5403, 24.5271$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $171.9670, 33.5403, -24.5271$, and the grayscale version is $212.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $248.5020, -24.8975, 5.6987$, and $157.1790, -31.6402, 21.7680$ is the 20% darker color. If you saturate the color by 10%, you get $205.1880, -41.9977, 30.5301$, and if you desaturate by 10%, it is $218.8780, -25.0829, 18.5240$.

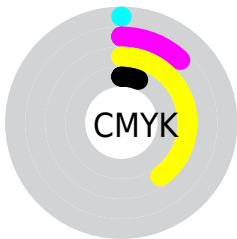
Distribution



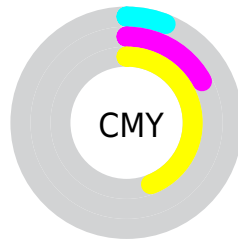
- Red (94%)
- Green (83%)
- Blue (56%)



- Red (73%)
- Yellow (94%)
- Blue (56%)



- Cyan (0%)
- Magenta (12%)
- Yellow (40%)
- Black (6%)



- Cyan (6%)
- Magenta (17%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 212.0330, -33.5403, 24.5271 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 212.0330, -33.5403, 24.5271 by changing the saturation by 10% instead.

■ 212.0330,
-33.5403, 24.5271

■ 212.0330,
-33.5403, 24.5271

255.0000, 0.0000,
0.0000

■ 183.9620,
-32.5193, 23.7123

■ 248.5020,
-24.8975, 5.6987

■ 157.1790,
-31.6402, 21.7680

■ 251.8080,
-12.2303, 2.7994

■ 130.9940,
-31.0560, 21.0533

■ 105.2110,
-30.1770, 19.1090

■ 80.6130, -29.8822,
17.8794

■ 57.0580, -28.1296,
15.7351

■ 36.9680, -18.2252,

12.3061

■ 17.7530, -8.7522,
7.2326

■ 0.0000, 0.0000,
0.0000

■ 212.0330,
-33.5403, 24.5271

■ 212.0330,
-33.5403, 24.5271

■ 205.1880,
-41.9977, 30.5301

■ 218.8780,
-25.0829, 18.5240

■ 197.7560,
-50.1657, 37.0480

■ 225.7230,
-16.6254, 12.5209

■ 190.9110,
-58.6231, 43.0511

■ 233.1550, -8.4574,
6.0031

■ 184.0660,
-67.0805, 49.0541

■ 240.0000, 0.0000,
0.0000

■ 177.2210,
-75.5380, 55.0572

■ 245.8190, 4.5262,
-5.1033

■ 169.7890,
-83.7060, 61.5750

■ 250.5150, 2.2111,
-9.2217

Harmonies

Analogous

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



210.8420, -27.0371, 38.7266



212.0330, -33.5403, 24.5271



208.3390, -27.7751, -4.6823

Triad

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



212.0330, -33.5403, 24.5271



193.8290, 25.7203, -83.1650



218.7370, 15.9057, 31.8027

Complementary

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



212.0330, -33.5403, 24.5271



171.9670, 33.5403, -24.5271

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.



214.5760, 19.9290, 1.2488



212.0330, -33.5403, 24.5271



197.0030, 28.5925, -71.0396

Square

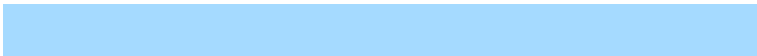
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



212.0330, -33.5403, 24.5271



197.6020, 6.6052, -65.4260



206.3710, 23.9741, -36.2824



211.3390, 2.7909, 38.2907

Rectangle

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



212.0330, -33.5403, 24.5271



205.0960, -19.2743, -24.6402



206.3710, 23.9741, -36.2824



218.5510, 17.9694, 23.1958

Sweetspot

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



212.0330, -33.5403, 24.5271



246.1830, -10.9362, 7.7325



176.1240, -1.0471, 56.0193



122.4260, -6.1260, 4.8884



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.



212.0330, -33.5403, 24.5271



219.3730, -42.5819, 31.2449



223.6740, -39.2793, -1.4681



116.2840, -4.0840, 3.2589



130.1520, -64.1649, 47.2247



39.6370, -19.5410, 14.3504

Inverse Universe

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



171.9670, 33.5403, -24.5271



168.6270, 42.5819, -31.2449



160.3260, 39.2793, 1.4681



111.1290, 4.3734, -2.7441



53.2610, 64.4543, -46.7099



16.3630, 19.5410, -14.3504

Previews

White Background



This preview shows how the YUV color 212.0330, -33.5403, 24.5271 looks on a white background.

Color Contrast Check

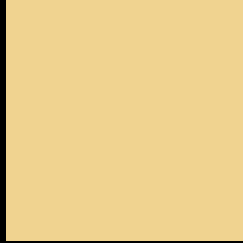
Large Text (above 18pt) WCAG AA × Fail

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 212.0330, -33.5403, 24.5271 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

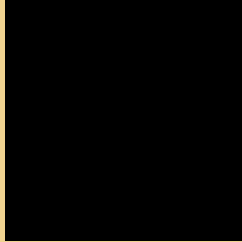
Any Text WCAG AA ✓ Pass

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 212.0330, -33.5403, 24.5271 Background



This preview shows how black text looks on a background with the YUV color 212.0330, -33.5403, 24.5271.



This preview shows how white text looks on a background with the YUV color 212.0330, -33.5403, 24.5271.

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

212.0330, -33.5403, 24.5271

Protanopia

211.5160, -32.7924, 17.9645

Deuteranopia

213.4520, -32.2678, 36.4376



Tritanopia

217.4640, -0.2288, 26.7801

Trichromacy



Original Color

212.0330, -33.5403, 24.5271

Protanomaly

211.8260, -32.9452, 20.3236

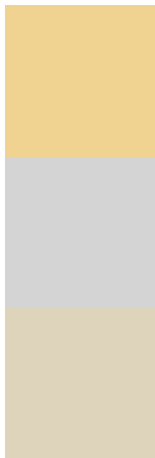
Deuteranomaly

213.0170, -32.5464, 32.4341

Tritanomaly

215.2500, -12.4482, 26.0908

Monochromacy



Original Color

212.0330, -33.5403, 24.5271

Achromatopsia

212.0000, 0.0000, 0.0000

Achromatomaly

212.1400, -12.3940, 8.6472

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.0330, -33.5403, 24.5271 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(240, 211, 144)` looks like.

```
.text, #text, p{  
    color:rgb(240, 211, 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(240, 211, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 211, 144) }
```

Border

The CSS property to change the border of an element to YUV 212.0330, -33.5403, 24.5271 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(240, 211, 144) }
```


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

```
.border{ border-color:rgb(240, 211, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 211, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 211, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 211, 144);  
box-shadow:4px 4px 4px 4px rgb(240, 211,  
144) }
```

Background

The CSS property to change the background color of an element to YUV 212.0330, -33.5403, 24.5271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 211, 144) }
```

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

```
.background{ background-color: rgb(240,  
211, 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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