

Converting Colors

YUV(212.3760, -33.7094,
32.1192)

Have a look what the booklet for
YUV(212.3760, -33.7094, 32.1192)
contains.

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Color

**YUV(212.3760, -33.7094,
32.1192)**

Conversions

Conversions Part 1

Format	Color
Hex	F9CF90
RGB	249, 207, 144
RGB Percent	98%, 81%, 56%
CMY	0.0235, 0.1882, 0.4353
CMYK	0.00, 0.17, 0.42, 0.02
HSL	36°, 90%, 77%
HSV	36°, 42%, 98%
XYZ	66.4138, 66.7790, 35.7748
YIQ	212.3760, 45.2550, -10.6890

Conversions

Conversions Part 2

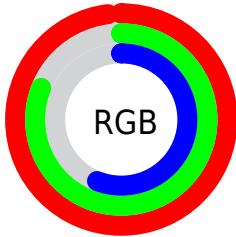
Format	Color
R _Y B	214, 249, 144
Decimal	16371600
CIE Lab	85.39, 6.65, 36.81
CIE LCh	85, 37.403, 79.756
Yxy	66.7790, 0.3931, 0.3952
Android (android.graphics.Color)	4294561680 (0xFFFF9CF90)
YUV	212.3760, -33.7094, 32.1192
Hunter-Lab	81.7184, 2.0624, 31.2468

Details

The YUV color $212.3760, -33.7094, 32.1192$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $180.6240, 33.7094, -32.1192$, and the grayscale version is $213.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $248.5020, -24.8975, 5.6987$, and $157.5220, -31.8093, 29.3602$ is the 20% darker color. If you saturate the color by 10%, you get $203.6560, -41.7354, 39.7667$, and if you desaturate by 10%, it is $221.0960, -25.6833, 24.4718$.

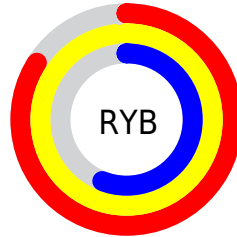
Distribution



Red (98%)

Green (81%)

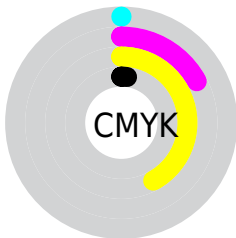
Blue (56%)



Red (84%)

Yellow (98%)

Blue (56%)

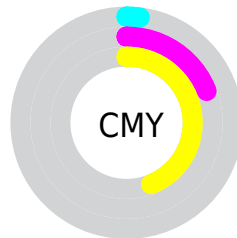


Cyan (0%)

Magenta (17%)

Yellow (42%)

Black (2%)



Cyan (2%)

Magenta (19%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 212.3760, -33.7094, 32.1192 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 212.3760, -33.7094, 32.1192 by changing the saturation by 10% instead.

212.3760,
-33.7094, 32.1192

212.3760,
-33.7094, 32.1192

255.0000, 0.0000,
0.0000

184.8920,
-32.9778, 30.7897

248.5020,
-24.8975, 5.6987

157.5220,
-31.8093, 29.3602

251.8080,
-12.2303, 2.7994

130.7390,
-30.9303, 27.4159

105.2550,
-30.1987, 26.0864

80.4720, -29.3197,
24.1421

56.8030, -28.0039,
22.0978

36.7020, -18.0941,

16.9243

■ 17.1990, -8.4791,
12.9805

■ 0.0000, 0.0000,
0.0000

■ 212.3760,
-33.7094, 32.1192

■ 212.3760,
-33.7094, 32.1192

■ 203.6560,
-41.7354, 39.7667

■ 221.0960,
-25.6833, 24.4718

■ 194.9360,
-49.7614, 47.4141

■ 229.8160,
-17.6573, 16.8244

■ 186.2160,
-57.7875, 55.0616

■ 238.5360, -9.6312,
9.1769

■ 177.4960,
-65.8135, 62.7090

■ 247.2560, -1.6052,
1.5295

■ 168.8900,
-73.4028, 70.2565

■ 253.2060, 0.8844,
-3.6887

■ 161.9140,
-79.8236, 76.3744

Harmonies

Analogous

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



209.0640, -23.6956, 40.2859



212.3760, -33.7094, 32.1192



209.1830, -31.1492, 4.2245

Triad

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



212.3760, -33.7094, 32.1192



193.2760, 21.0629, -82.6801



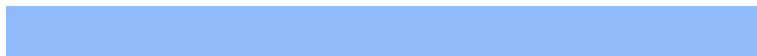
217.6760, 18.4007, 24.8401

Complementary

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



212.3760, -33.7094, 32.1192



180.6240, 33.7094, -32.1192

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.



211.8520, 21.2720, -9.5172



212.3760, -33.7094, 32.1192



194.2900, 29.9300, -80.0613

Square

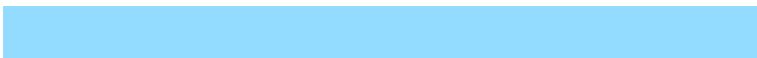
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



212.3760, -33.7094, 32.1192



198.4520, 0.7632, -58.2784



202.4620, 25.9012, -47.7632



212.4790, 7.1589, 37.2909

Rectangle

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



212.3760, -33.7094, 32.1192



206.0000, -23.6640, -16.6630



202.4620, 25.9012, -47.7632



216.1370, 19.1595, 14.7889

Sweetspot

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



212.3760, -33.7094, 32.1192



243.6070, -10.6523, 9.9917



180.1830, 2.8678, 60.3525



120.3230, -6.5682, 6.7327



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.



212.3760, -33.7094, 32.1192



209.6560, -41.7354, 39.7667



234.0400, -44.3897, 4.3499



120.5830, -4.2314, 3.8737



122.8420, -60.5611, 58.0206



39.9580, -19.6993, 18.4538

Inverse Universe

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



180.6240, 33.7094, -32.1192



170.3440, 41.7354, -39.7667



159.2590, 44.2423, -3.7351



116.4170, 4.2314, -3.8737



65.5710, 60.8505, -57.5058



21.0420, 19.6993, -18.4538

Previews

White Background



This preview shows how the YUV color 212.3760, -33.7094, 32.1192 looks on a white background.

Color Contrast Check

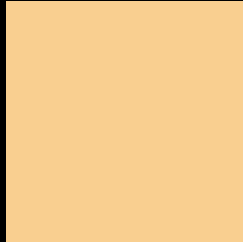
Large Text (above 18pt) WCAG AA × Fail

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 212.3760, -33.7094, 32.1192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

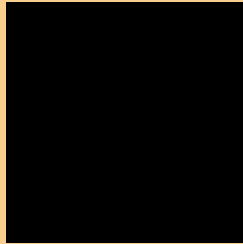
Any Text WCAG AA ✓ Pass

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 212.3760, -33.7094, 32.1192 Background



This preview shows how black text looks on a background with the YUV color 212.3760, -33.7094, 32.1192.



This preview shows how white text looks on a background with the YUV color 212.3760, -33.7094,

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

212.3760, -33.7094, 32.1192

Protanopia

210.8580, -31.4820, 17.6645

Deuteranopia

212.6370, -32.8520, 37.1524



Tritanopia

217.3400, -2.1396, 33.0278

Trichromacy



Original Color

212.3760, -33.7094, 32.1192

Protanomaly

211.6630, -32.3719, 23.0975

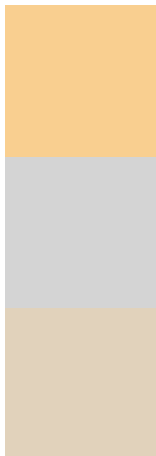
Deuteranomaly

212.5120, -33.2834, 35.5080

Tritanomaly

215.6530, -13.6329, 32.7533

Monochromacy



Original Color

212.3760, -33.7094, 32.1192

Achromatopsia

212.0000, 0.0000, 0.0000

Achromatomaly

211.8630, -12.2575, 11.5211

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.3760, -33.7094, 32.1192 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(249, 207, 144)` looks like.

```
.text, #text, p{  
    color:rgb(249, 207, 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(249, 207, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 207, 144) }
```

Border

The CSS property to change the border of an element to YUV 212.3760, -33.7094, 32.1192 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(249, 207, 144) }
```


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

```
.border{ border-color:rgb(249, 207, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 207, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 207, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 207, 144);  
box-shadow:4px 4px 4px 4px rgb(249, 207,  
144) }
```

Background

The CSS property to change the background color of an element to YUV 212.3760, -33.7094, 32.1192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 207, 144) }
```

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

```
.background{ background-color: rgb(249,  
207, 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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