

Converting Colors

YUV(212.6050, 15.9707,
10.8704)

Have a look what the booklet for
YUV(212.6050, 15.9707, 10.8704)
contains.

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Color

**YUV(212.6050, 15.9707,
10.8704)**

Conversions

Conversions Part 1

Format	Color
Hex	E1C8F5
RGB	225, 200, 245
RGB Percent	88%, 78%, 96%
CMY	0.1176, 0.2157, 0.0392
CMYK	0.08, 0.18, 0.00, 0.04
HSL	273°, 69%, 87%
HSV	273°, 18%, 96%
XYZ	68.1870, 63.9087, 95.1280
YIQ	212.6050, 0.4550, 19.2950

Conversions

Conversions Part 2

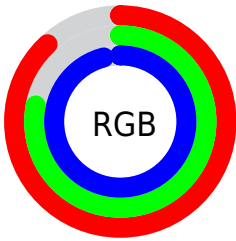
Format	Color
R _Y B	225, 200, 245
Decimal	14797045
CIE Lab	83.92, 16.92, -18.92
CIE LCh	84, 25.384, 311.799
Yxy	63.9087, 0.3001, 0.2813
Android (android.graphics.Color)	4292987125 (0xFFE1C8F5)
YUV	212.6050, 15.9707, 10.8704
Hunter-Lab	79.9429, 12.3509, -14.5920

Details

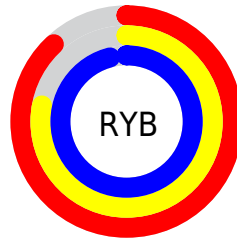
The YUV color **212.6050, 15.9707, 10.8704** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **232.3950, -15.9707, -10.8704**, and the grayscale version is **212.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, 0.0000, 0.0000**, and **157.7790, 15.3920, 9.8408** is the 20% darker color. If you saturate the color by 10%, you get **195.2280, 24.5376, 16.4630**, and if you desaturate by 10%, it is **229.9820, 7.4039, 5.2778**.

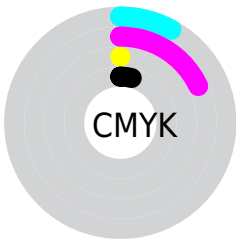
Distribution



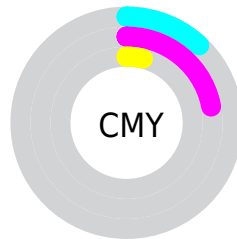
- Red (88%)
- Green (78%)
- Blue (96%)



- Red (88%)
- Yellow (78%)
- Blue (96%)



- Cyan (8%)
- Magenta (18%)
- Yellow (0%)
- Black (4%)



- Cyan (12%)
- Magenta (22%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 212.6050, 15.9707, 10.8704 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 212.6050, 15.9707, 10.8704 by changing the saturation by 10% instead.

■ 212.6050, 15.9707,
10.8704

■ 212.6050, 15.9707,
10.8704

255.0000, 0.0000,
0.0000

■ 185.1920, 15.6813,
10.3556

■ 157.7790, 15.3920,
9.8408

■ 131.6650, 14.9552,
9.9408

■ 106.1380, 14.2290,
9.5260

■ 82.3120, 13.6502,
8.4964

■ 58.7850, 12.9240,
8.0816

■ 36.9590, 12.3452,

7.0520

■ 13.7960, 12.9186,
9.8259

■ 2.6390, 7.5730,
-2.3144

■ 212.6050, 15.9707,
10.8704

■ 212.6050, 15.9707,
10.8704

■ 195.2280, 24.5376,
16.4630

■ 229.9820, 7.4039,
5.2778

■ 177.2640, 33.3938,
22.5705

■ 247.9460, -1.4524,
-0.8296

■ 159.8870, 41.9607,
28.1631

■ 253.8600, -4.3680,
0.9998

■ 141.9230, 50.8170,
34.2705

■ 124.8450, 59.2364,
40.4779

■ 106.8810, 68.0927,
46.5854

■ 88.9170, 76.9489,
52.6928

■ 71.5400, 85.5158,
58.2854

■ 68.5940, 86.9682,
59.1151

Harmonies

Analogous

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



209.1720, 22.5932, -13.3058



212.6050, 15.9707, 10.8704



213.6800, 5.5808, 30.0986

Triad

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



212.6050, 15.9707, 10.8704



209.9160, -22.6366, 27.2607



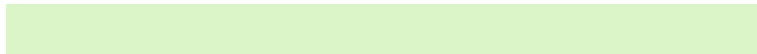
199.4070, 9.1663, -46.8379

Complementary

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



212.6050, 15.9707, 10.8704



232.3950, -15.9707, -10.8704

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.



201.4660, -3.6807, -32.8577



212.6050, 15.9707, 10.8704



207.5070, -22.4350, 9.2024

Square

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



212.6050, 15.9707, 10.8704



211.5890, -16.5594, 38.0714



204.2100, -15.3865, -11.5852



200.1430, 19.6495, -49.2374

Rectangle

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



212.6050, 15.9707, 10.8704



212.7750, -1.8611, 37.0313



204.2100, -15.3865, -11.5852



199.6910, 5.0823, -43.5790

Sweetspot

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



212.6050, 15.9707, 10.8704



244.1020, 5.3727, 3.4185



216.8700, 13.8681, -14.7950



121.5210, 3.1941, 2.1741



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.



212.6050, 15.9707, 10.8704



214.6530, 19.8911, 13.4593



218.3570, 12.1490, 23.3659



113.4610, 4.2097, 3.1037



52.0010, 66.0615, 44.7261



16.5930, 20.9067, 14.3889

Inverse Universe

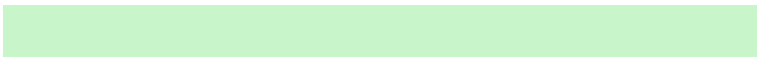
The Inverse Universe completely reimagines the original color for something new.



215.7350, 2.1026, 25.6654



218.5940, 2.6652, 31.9281



226.6430, -12.1490, -23.3659



114.2720, 0.8519, 6.7775



65.0760, 8.8365, 106.0503



20.6050, 2.6597, 33.6724

Previews

White Background



This preview shows how the YUV color 212.6050, 15.9707, 10.8704 looks on a white background.

Color Contrast Check

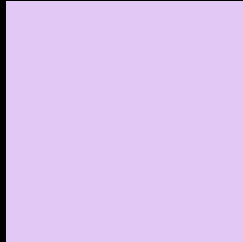
Large Text (above 18pt) WCAG AA × Fail

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 212.6050, 15.9707, 10.8704 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

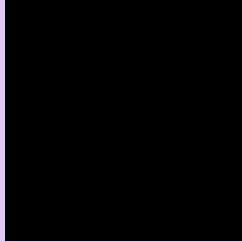
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 212.6050, 15.9707, 10.8704

Background



This preview shows how black text looks on a background with the YUV color 212.6050, 15.9707, 10.8704.



This preview shows how white text looks on a background with the YUV color 212.6050, 15.9707, 10.8704.

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

212.6050, 15.9707, 10.8704

Protanopia

209.8090, 19.8142, -8.6025

Deuteranopia

211.2510, 16.1453, 1.5339



Tritanopia

210.9070, 4.4828, 8.8516

Trichromacy



Original Color

212.6050, 15.9707, 10.8704

Protanomaly

210.5110, 18.4821, -1.3251

Deuteranomaly

211.8600, 15.8450, 4.5078

Tritanomaly

211.6450, 8.5560, 9.0813

Monochromacy



Original Color

212.6050, 15.9707, 10.8704

Achromatopsia

213.0000, 0.0000, 0.0000

Achromatomaly

212.6290, 6.0989, 3.8334

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.6050, 15.9707, 10.8704 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(225, 200, 245)` looks like.

```
.text, #text, p{  
    color:rgb(225, 200, 245)  
}
```

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(225, 200, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 200, 245) }
```

Border

The CSS property to change the border of an element to YUV 212.6050, 15.9707, 10.8704 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(225, 200, 245) }
```


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

```
.border{ border-color:rgb(225, 200, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 200, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 200, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 200, 245);  
box-shadow:4px 4px 4px 4px rgb(225, 200,  
245) }
```

Background

The CSS property to change the background color of an element to YUV 212.6050, 15.9707, 10.8704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 200, 245) }
```

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

```
.background{ background-color: rgb(225,  
200, 245) }
```

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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