

Converting Colors

YUV(212.7870, 6.5140, 10.7108)

Have a look what the booklet for
YUV(212.7870, 6.5140, 10.7108)
contains.

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Color

**YUV(212.7870, 6.5140,
10.7108)**

Conversions

Conversions Part 1

Format	Color
Hex	E1CCE2
RGB	225, 204, 226
RGB Percent	88%, 80%, 89%
CMY	0.1176, 0.2000, 0.1137
CMYK	0.00, 0.10, 0.00, 0.11
HSL	297°, 27%, 84%
HSV	297°, 10%, 89%
XYZ	66.3717, 64.6843, 80.9387
YIQ	212.7870, 5.4540, 11.2940

Conversions

Conversions Part 2

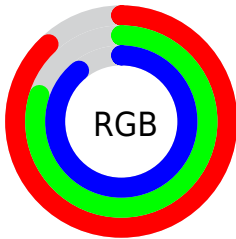
Format	Color
R _Y B	225, 204, 226
Decimal	14798050
CIE Lab	84.32, 11.18, -8.21
CIE LCh	84, 13.866, 323.709
Yxy	64.6843, 0.3131, 0.3051
Android (android.graphics.Color)	4292988130 (0xFFE1CCE2)
YUV	212.7870, 6.5140, 10.7108
Hunter-Lab	80.4265, 6.5600, -3.3690

Details

The YUV color $212.7870, 6.5140, 10.7108$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $217.2130, -6.5140, -10.7108$, and the grayscale version is $213.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $158.3740, 6.2246, 10.1960$ is the 20% darker color. If you saturate the color by 10%, you get $198.9870, 13.3174, 21.9364$, and if you desaturate by 10%, it is $226.5870, -0.2894, -0.5148$.

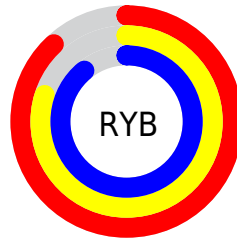
Distribution



Red (88%)

Green (80%)

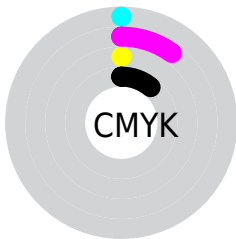
Blue (89%)



Red (88%)

Yellow (80%)

Blue (89%)

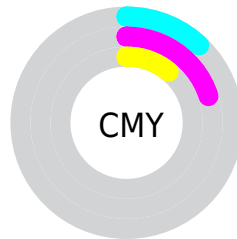


Cyan (0%)

Magenta (10%)

Yellow (0%)

Black (11%)



Cyan (12%)

Magenta (20%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 212.7870, 6.5140, 10.7108 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 212.7870, 6.5140, 10.7108 by changing the saturation by 10% instead.

212.7870, 6.5140,
10.7108

212.7870, 6.5140,
10.7108

255.0000, 0.0000,
0.0000

185.3740, 6.2246,
10.1960

158.3740, 6.2246,
10.1960

131.9610, 5.9352,
9.6812

106.6620, 6.0826,
9.0664

82.5480, 5.6458,
9.1664

59.1350, 5.3564,
8.6516

37.7220, 5.0671,

8.1368

■ 15.8470, 5.4984,
9.7812

■ 0.0000, 0.0000,
0.0000

■ 212.7870, 6.5140,
10.7108

■ 212.7870, 6.5140,
10.7108

■ 198.9870, 13.3174,
21.9364

■ 226.5870, -0.2894,
-0.5148

■ 185.7740, 19.8314,
32.6472

■ 239.8000, -6.8034,
-11.2256

■ 171.9740, 26.6348,
43.8728

■ 243.6210, -8.6872,
-13.6996

■ 158.7610, 33.1488,
54.5836

■ 243.9200, -8.8346,
-13.0848

144.9610, 39.9522,
65.8092

244.2190, -8.9820,
-12.4701

131.1610, 46.7556,
77.0348

244.5180, -9.1294,
-11.8553

117.9480, 53.2696,
87.7456

244.8170, -9.2768,
-11.2405

104.1480, 60.0730,
98.9712

245.1160, -9.4242,
-10.6257

90.9350, 66.5870,
109.6820

245.4150, -9.5716,
-10.0110

Harmonies

Analogous

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



211.5620, 11.0619, -1.3699



212.7870, 6.5140, 10.7108



213.2350, 0.3771, 19.0879

Triad

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



212.7870, 6.5140, 10.7108



210.1620, -12.4049, 12.1359



205.9690, 6.9173, -25.4058

Complementary

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



212.7870, 6.5140, 10.7108



217.2130, -6.5140, -10.7108

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.



206.2810, 0.3545, -20.4174



212.7870, 6.5140, 10.7108



209.0250, -11.3513, 0.8551

Square

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



212.7870, 6.5140, 10.7108



211.3740, -10.5374, 19.8430



207.3270, -6.0772, -10.8108



207.2450, 11.7112, -23.0169

Rectangle

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



212.7870, 6.5140, 10.7108



213.1060, -3.9963, 21.8320



207.3270, -6.0772, -10.8108



205.8120, 5.0227, -24.3911

Sweetspot

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



212.7870, 6.5140, 10.7108



250.3040, 2.3151, 4.1184



207.0950, 9.3202, -2.7143



124.1790, 1.8838, 2.4740



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.



212.7870, 6.5140, 10.7108



236.5040, 9.1185, 15.3440



211.9460, 1.9986, 12.3254



105.5430, 3.1833, 5.6628



70.2960, 52.1121, 85.6864



19.2260, 14.1856, 23.4808

Inverse Universe

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



210.6920, -2.8062, 13.4251



233.4970, -3.6960, 18.8581



218.0540, -1.9986, -12.3254



104.2890, -1.6215, 6.7625



53.5360, -22.4492, 107.4009



14.5800, -6.2019, 29.3093

Previews

White Background



This preview shows how the YUV color 212.7870, 6.5140, 10.7108 looks on a white background.

Color Contrast Check

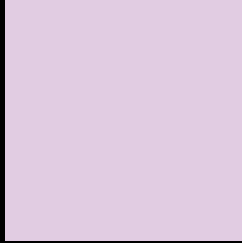
Large Text (above 18pt) WCAG AA × Fail

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 212.7870, 6.5140, 10.7108 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 212.7870, 6.5140, 10.7108

Background



This preview shows how black text looks on a background with the YUV color 212.7870, 6.5140, 10.7108.



This preview shows how white text looks on a background with the YUV color 212.7870, 6.5140,

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

212.7870, 6.5140, 10.7108

Protanopia

211.2800, 8.7360, -1.9996

Deuteranopia

212.4880, 6.6614, 10.0960



Tritanopia

212.5050, 4.1880, 10.0811

Trichromacy



Original Color

212.7870, 6.5140, 10.7108

Protanomaly

211.7860, 7.9935, 2.8187

Deuteranomaly

212.4880, 6.6614, 10.0960

Tritanomaly

212.7330, 5.0616, 9.8812

Monochromacy



Original Color

212.7870, 6.5140, 10.7108

Achromatopsia

213.0000, 0.0000, 0.0000

Achromatomaly

213.0050, 2.4625, 3.5036

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.7870, 6.5140, 10.7108 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, 204, 226)` looks like.

```
.text, #text, p{  
    color:rgb(225, 204, 226)  
}
```

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, 204, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 204, 226) }
```

Border

The CSS property to change the border of an element to YUV 212.7870, 6.5140, 10.7108 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, 204, 226) }
```


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

```
.border{ border-color:rgb(225, 204, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 204, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 204, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 204, 226);  
box-shadow:4px 4px 4px 4px rgb(225, 204,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 212.7870, 6.5140, 10.7108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 204, 226) }
```

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

```
.background{ background-color: rgb(225,  
204, 226) }
```

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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