

Converting Colors

YUV(188.2710, 5.7824, 12.0403)

Have a look what the booklet for
YUV(188.2710, 5.7824, 12.0403)
contains.

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Color

**YUV(188.2710, 5.7824,
12.0403)**

Conversions

Conversions Part 1

Format	Color
Hex	CAB3C8
RGB	202, 179, 200
RGB Percent	79%, 70%, 78%
CMY	0.2078, 0.2980, 0.2157
CMYK	0.00, 0.11, 0.01, 0.21
HSL	305°, 18%, 75%
HSV	305°, 11%, 79%
XYZ	50.9025, 48.9669, 61.4123
YIQ	188.2710, 6.9670, 11.4070

Conversions

Conversions Part 2

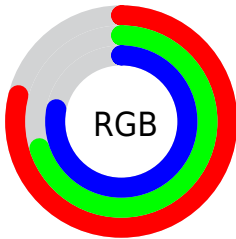
Format	Color
RYB	202, 179, 200
Decimal	13284296
CIELab	75.43, 11.94, -7.61
CIELCh	75, 14.160, 327.510
Yxy	48.9669, 0.3156, 0.3036
Android (android.graphics.Color)	4291474376 (0xFFCAB3C8)
YUV	188.2710, 5.7824, 12.0403
Hunter-Lab	69.9763, 7.3868, -3.0503

Details

The YUV color **188.2710, 5.7824, 12.0403** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **192.7290, -5.7824, -12.0403**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.2600, 5.7878, 10.2960**, and **134.8580, 5.4930, 11.5255** is the 20% darker color. If you saturate the color by 10%, you get **176.3030, 10.6966, 22.5363**, and if you desaturate by 10%, it is **200.2390, 0.8682, 1.5444**.

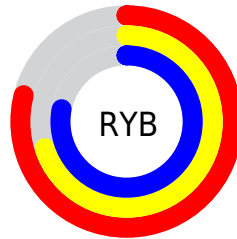
Distribution



Red (79%)

Green (70%)

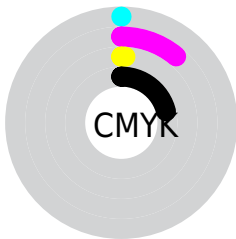
Blue (78%)



Red (79%)

Yellow (70%)

Blue (78%)

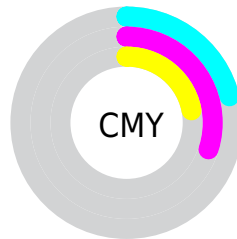


Cyan (0%)

Magenta (11%)

Yellow (1%)

Black (21%)



Cyan (21%)

Magenta (30%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 188.2710, 5.7824, 12.0403 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 188.2710, 5.7824, 12.0403 by changing the saturation by 10% instead.

■ 188.2710, 5.7824,
12.0403

■ 188.2710, 5.7824,
12.0403

255.0000, 0.0000,
0.0000

■ 161.2710, 5.7824,
12.0403

■ 243.2600, 5.7878,
10.2960

■ 134.8580, 5.4930,
11.5255

■ 109.4450, 5.2036,
11.0107

■ 85.1460, 5.3510,
10.3960

■ 61.7330, 5.0616,
9.8812

■ 39.9070, 4.4828,
8.8516

■ 18.7330, 5.0616,

9.8812

■ 0.0000, 0.0000,
0.0000

■ 188.2710, 5.7824,
12.0403

■ 188.2710, 5.7824,
12.0403

■ 176.3030, 10.6966,
22.5363

■ 200.2390, 0.8682,
1.5444

■ 164.3350, 15.6108,
33.0322

■ 212.2070, -4.0461,
-8.9515

■ 151.8940, 21.2513,
43.9430

■ 224.6480, -9.6865,
-19.8623

■ 139.9260, 26.1655,
54.4389

■ 233.6810,
-13.1537, -27.7842

■ 127.9580, 31.0797,
64.9348

■ 233.9090,
-12.2801, -27.9842

■ 115.9900, 35.9939,
75.4308

■ 234.1370,
-11.4065, -28.1841

■ 104.1360, 41.3450,
85.8267

■ 234.2510,
-10.9697, -28.2841

■ 91.5810, 46.5486,
96.8375

■ 234.4790,
-10.0961, -28.4841

■ 81.3740, 50.5946,
105.7890

■ 234.7070, -9.2226,
-28.6840

Harmonies

Analogous

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



187.1600, 10.7671, -0.1403



188.2710, 5.7824, 12.0403



188.3060, -0.6439, 19.9026

Triad

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



188.2710, 5.7824, 12.0403



185.4500, -12.5468, 11.0064



181.1970, 7.7909, -25.6058

Complementary

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



188.2710, 5.7824, 12.0403



192.7290, -5.7824, -12.0403

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.



181.2100, 1.3755, -21.2322



188.2710, 5.7824, 12.0403



184.2420, -10.4723, -1.0892

Square

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



188.2710, 5.7824, 12.0403



186.8470, -11.2636, 19.4282



182.4300, -5.6350, -12.6551



182.6580, 12.0006, -22.5021

Rectangle

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



188.2710, 5.7824, 12.0403



188.1770, -5.0173, 22.6468



182.4300, -5.6350, -12.6551



181.0400, 5.8963, -24.5911

Sweetspot

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



188.2710, 5.7824, 12.0403



250.1900, 1.8783, 4.2184



182.2200, 9.7515, -1.0699



124.3640, 1.2995, 3.1888



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.



188.2710, 5.7824, 12.0403



233.5260, 9.1077, 18.8327



187.0170, 0.9776, 13.1401



96.0160, 2.4571, 5.2480



66.8480, 41.4869, 86.9563



15.3520, 9.6865, 19.8623

Inverse Universe

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



188.2710, 5.7824, 12.0403



233.5260, 9.1077, 18.8327



193.9830, -0.9776, -13.1401



96.0160, 2.4571, 5.2480



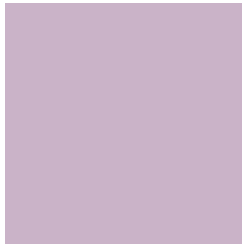
66.8480, 41.4869, 86.9563



15.3520, 9.6865, 19.8623

Previews

White Background



This preview shows how the YUV color 188.2710, 5.7824, 12.0403 looks on a white background.

Color Contrast Check

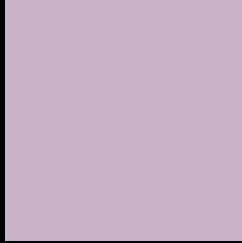
Large Text (above 18pt) WCAG AA × Fail

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 188.2710, 5.7824, 12.0403 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

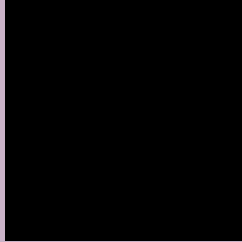
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 188.2710, 5.7824, 12.0403

Background



This preview shows how black text looks on a background with the YUV color 188.2710, 5.7824, 12.0403.



This preview shows how white text looks on a background with the YUV color 188.2710, 5.7824,

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

188.2710, 5.7824, 12.0403

Protanopia

186.8670, 8.4466, -2.5144

Deuteranopia

188.2490, 5.7932, 8.5516



Tritanopia

187.8750, 3.0196, 11.5106

Trichromacy



Original Color

188.2710, 5.7824, 12.0403

Protanomaly

187.6720, 7.5567, 2.9187

Deuteranomaly

187.9610, 5.9352, 9.6812

Tritanomaly

188.1030, 3.8932, 11.3107

Monochromacy



Original Color

188.2710, 5.7824, 12.0403

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

188.1900, 1.8783, 4.2184

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.2710, 5.7824, 12.0403 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(202, 179, 200)` looks like.

```
.text, #text, p{  
    color:rgb(202, 179, 200)  
}
```

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(202, 179, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 179, 200) }
```

Border

The CSS property to change the border of an element to YUV 188.2710, 5.7824, 12.0403 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(202, 179, 200) }
```


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

```
.border{ border-color:rgb(202, 179, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 179, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 179, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 179, 200);  
box-shadow:4px 4px 4px 4px rgb(202, 179,  
200) }
```

Background

The CSS property to change the background color of an element to YUV 188.2710, 5.7824, 12.0403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 179, 200) }
```

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

```
.background{ background-color: rgb(202,  
179, 200) }
```

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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