

Converting Colors

YUV(188.4710, 12.0928,
-52.1561)

Have a look what the booklet for
YUV(188.4710, 12.0928, -52.1561)
contains.

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Color

**YUV(188.4710, 12.0928,
-52.1561)**

Conversions

Conversions Part 1

Format	Color
Hex	81D6D5
RGB	129, 214, 213
RGB Percent	51%, 84%, 84%
CMY	0.4941, 0.1608, 0.1647
CMYK	0.40, 0.00, 0.00, 0.16
HSL	179°, 51%, 67%
HSV	179°, 40%, 84%
XYZ	45.1101, 57.5644, 71.6843
YIQ	188.4710, -50.3390, -18.3310

Conversions

Conversions Part 2

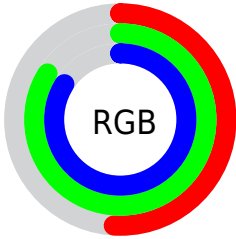
Format	Color
RYB	129, 172, 214
Decimal	8509141
CIELab	80.50, -25.92, -7.62
CIELCh	80, 27.011, 196.375
Yxy	57.5644, 0.2587, 0.3301
Android (android.graphics.Color)	4286699221 (0xFF81D6D5)
YUV	188.4710, 12.0928, -52.1561
Hunter-Lab	75.8712, -26.6454, -2.9083

Details

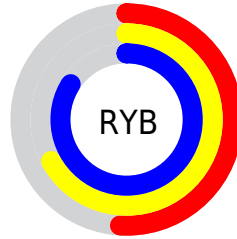
The YUV color **188.4710, 12.0928, -52.1561** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **154.5290, -12.0928, 52.1561**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.3690, 10.1711, -42.4196**, and **133.1720, 12.2402, -52.7708** is the 20% darker color. If you saturate the color by 10%, you get **182.1920, 15.1883, -65.0664**, and if you desaturate by 10%, it is **194.7500, 8.9972, -39.2458**.

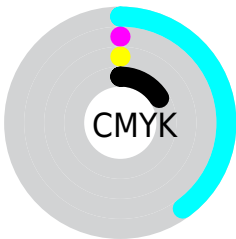
Distribution



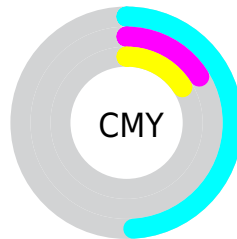
- Red (51%)
- Green (84%)
- Blue (84%)



- Red (51%)
- Yellow (67%)
- Blue (84%)



- Cyan (40%)
- Magenta (0%)
- Yellow (0%)
- Black (16%)



- Cyan (49%)
- Magenta (16%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 188.4710, 12.0928, -52.1561 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 188.4710, 12.0928, -52.1561 by changing the saturation by 10% instead.

■ 188.4710, 12.0928,
-52.1561

■ 188.4710, 12.0928,
-52.1561

255.0000, 0.0000,
0.0000

■ 160.4710, 12.0928,
-52.1561

■ 234.3690, 10.1711,
-42.4196

■ 133.1720, 12.2402,
-52.7708

■ 243.0400, 5.8963,
-24.5911

■ 105.6770, 12.9772,
-55.8447

■ 251.7110, 1.6215,
-6.7625

■ 75.0070, 15.7725,
-65.7811

■ 58.1830, 12.2348,
-51.0265

■ 41.4730, 9.1338,
-36.3718

■ 26.0510, 5.8909,

-22.8467

■ 4.4000, 6.7048,
-3.8588

■ 0.0000, 0.0000,
0.0000

■ 188.4710, 12.0928,
-52.1561

■ 188.4710, 12.0928,
-52.1561

■ 182.1920, 15.1883,
-65.0664

■ 194.7500, 8.9972,
-39.2458

■ 175.5000, 17.9945,
-78.4915

■ 201.4420, 6.1911,
-25.8206

■ 169.2210, 21.0900,
-91.4018

■ 207.7210, 3.0955,
-12.9103

■ 162.6430, 24.3330,
-104.9269

■ 214.2990, -0.1474,
0.6148

■ 156.3640, 27.4285,
-117.8372

■ 220.5780, -3.2430,
13.5251

■ 149.9710, 30.0873,
-130.6476

■ 226.3730, -5.6069,
25.1059

■ 149.6720, 30.2347,
-131.2623

Harmonies

Analogous

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



190.6010, -1.7753, -37.3611



188.4710, 12.0928, -52.1561



189.5170, 22.4231, -52.1964

Triad

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



188.4710, 12.0928, -52.1561



203.8120, 15.3757, 15.0739



199.5630, -23.9416, 25.8162

Complementary

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



188.4710, 12.0928, -52.1561



154.5290, -12.0928, 52.1561

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.



201.4320, -18.4540, 39.0861



188.4710, 12.0928, -52.1561



204.2460, 3.8227, 33.9873

Square

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



188.4710, 12.0928, -52.1561



200.1230, 23.6034, -10.6319



203.5000, -8.1345, 42.5345



197.3710, -22.8609, 5.8136

Rectangle

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



188.4710, 12.0928, -52.1561



193.0820, 25.5956, -43.0449



203.5000, -8.1345, 42.5345



200.2370, -22.7948, 31.3642

Sweetspot

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



188.4710, 12.0928, -52.1561



245.7310, 4.5696, -19.0581



179.1940, -24.7456, -43.1431



122.5040, 2.2165, -10.9660



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.



188.4710, 12.0928, -52.1561



218.4080, 17.5469, -74.9028



164.5180, 24.3946, -31.1493



103.7110, 1.6215, -6.7625



119.6430, 24.3330, -104.9269



30.1430, 6.3385, -26.4354

Inverse Universe

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



154.5290, -12.0928, 52.1561



169.5920, -17.5469, 74.9028



178.4820, -24.3946, 31.1493



99.4030, -1.1847, 6.6626



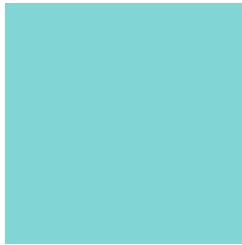
51.3570, -24.3330, 104.9269



12.9710, -5.9017, 26.3354

Previews

White Background



This preview shows how the YUV color 188.4710, 12.0928, -52.1561 looks on a white background.

Color Contrast Check

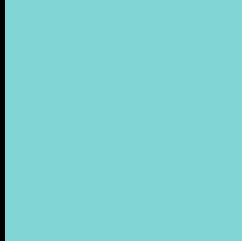
Large Text (above 18pt) WCAG AA × Fail

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 188.4710, 12.0928, -52.1561 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 188.4710, 12.0928, -52.1561 Background



This preview shows how black text looks on a background with the YUV color 188.4710, 12.0928, -52.1561.



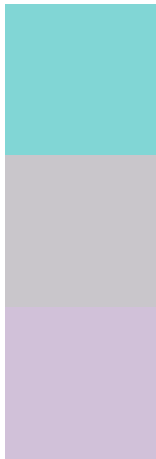
This preview shows how white text looks on a background with the YUV color 188.4710, 12.0928, -52.1561.

-52.1561.

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

188.4710, 12.0928, -52.1561

Protanopia

199.4670, 1.7418, 1.3444

Deuteranopia

200.5200, 8.1246, 7.4370



Tritanopia

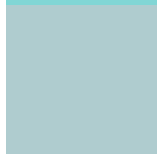
190.3170, 19.0707, -50.2670

Trichromacy



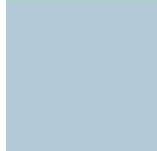
Original Color

188.4710, 12.0928, -52.1561



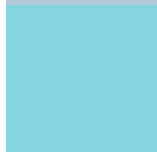
Protanomaly

195.6710, 5.5852, -18.1285



Deuteranomaly

196.4310, 9.6475, -14.4100



Tritanomaly

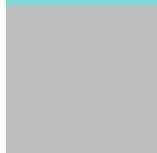
189.9210, 16.3079, -50.7967

Monochromacy



Original Color

188.4710, 12.0928, -52.1561



Achromatopsia

188.0000, 0.0000, 0.0000



Achromatomaly

188.0300, 4.4222, -18.4433

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.4710, 12.0928, -52.1561 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(129, 214, 213)` looks like.

```
.text, #text, p{  
    color:rgb(129, 214, 213)  
}
```

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(129, 214, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 214, 213) }
```

Border

The CSS property to change the border of an element to YUV 188.4710, 12.0928, -52.1561 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(129, 214, 213) }
```


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

```
.border{ border-color:rgb(129, 214, 213) }
```

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

Here you see how a box with a 4 pixel rgb(129, 214, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 214, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 214, 213);  
box-shadow:4px 4px 4px 4px rgb(129, 214,  
213) }
```

Background

The CSS property to change the background color of an element to YUV 188.4710, 12.0928, -52.1561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 214, 213) }
```

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

```
.background{ background-color: rgb(129,  
214, 213) }
```

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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