

Converting Colors

YUV(178.9610, 5.4422,
-65.7408)

Have a look what the booklet for
YUV(178.9610, 5.4422, -65.7408)
contains.

YUV(178.9610, 5.4422, -65.7408)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(178.9610, 5.4422,
-65.7408)**

Conversions

Conversions Part 1

Format	Color
Hex	68D7BE
RGB	104, 215, 190
RGB Percent	41%, 84%, 75%
CMY	0.5922, 0.1569, 0.2549
CMYK	0.52, 0.00, 0.12, 0.16
HSL	166°, 58%, 63%
HSV	166°, 52%, 84%
XYZ	39.3036, 55.2616, 57.3102
YIQ	178.9610, -58.1310, -31.3070

Conversions

Conversions Part 2

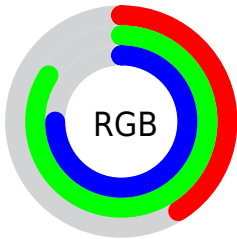
Format	Color
RYB	104, 167, 215
Decimal	6870974
CIELab	79.19, -37.80, 2.64
CIELCh	79, 37.894, 176.001
Yxy	55.2616, 0.2588, 0.3639
Android (android.graphics.Color)	4285061054 (0xFF68D7BE)
YUV	178.9610, 5.4422, -65.7408
Hunter-Lab	74.3382, -35.7164, 6.3277

Details

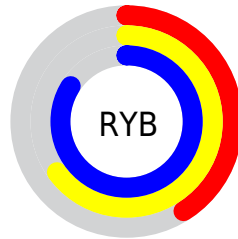
The YUV color **178.9610, 5.4422, -65.7408** is a light color, and the websafe version is hex **33CCCC**. A complement of this color would be **140.0390, -5.4422, 65.7408**, and the grayscale version is **179.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.1670, 9.7777, -56.2745**, and **121.1990, 7.7899, -72.0885** is the 20% darker color. If you saturate the color by 10%, you get **172.1120, 6.3538, -78.1512**, and if you desaturate by 10%, it is **186.1090, 4.3833, -52.7156**.

Distribution



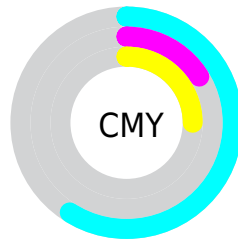
- Red (41%)
- Green (84%)
- Blue (75%)



- Red (41%)
- Yellow (65%)
- Blue (84%)



- Cyan (52%)
- Magenta (0%)
- Yellow (12%)
- Black (16%)



- Cyan (59%)
- Magenta (16%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 178.9610, 5.4422, -65.7408 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 178.9610, 5.4422, -65.7408 by changing the saturation by 10% instead.


 178.9610, 5.4422,
-65.7408

 178.9610, 5.4422,
-65.7408

255.0000, 0.0000,
0.0000

 150.4770, 6.1738,
-67.0703

 226.1670, 9.7777,
-56.2745

 121.1990, 7.7899,
-72.0885


 235.8640, 9.4340,
-39.3457

 90.7250, 9.9956,
-79.5658

 244.8340, 5.0118,
-20.9024

 72.7270, 7.0366,
-63.7816

 253.8040, 0.5896,
-2.4591

 55.4300, 4.2250,
-48.6121

 38.8340, 1.5608,
-34.0574

 24.7000, -1.8241,

-21.6619

■ 0.0000, 0.0000,
0.0000

■ 178.9610, 5.4422,
-65.7408

■ 178.9610, 5.4422,
-65.7408

■ 172.1120, 6.3538,
-78.1512

■ 186.1090, 4.3833,
-52.7156

■ 164.9640, 7.4127,
-91.1764

■ 192.9580, 3.4717,
-40.3052

■ 158.1150, 8.3243,
-103.5869

■ 200.1060, 2.4127,
-27.2800

■ 151.0810, 9.8201,
-116.7120

■ 206.8410, 1.0644,
-14.7696

■ 145.2430, 10.7262,
-127.3781

■ 213.9890, 0.0054,
-1.7444

■ 220.8380, -0.9061,
10.6661

■ 227.9860, -1.9651,
23.6913

■ 228.5560, 0.2189,
23.1914

■ 229.1260, 2.4029,
22.6915

Harmonies

Analogous

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



185.5940, -14.5898, -33.8469



178.9610, 5.4422, -65.7408



173.1980, 26.0314, -89.6276

Triad

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



178.9610, 5.4422, -65.7408



198.0190, 28.0916, -3.5247



196.8540, -28.5220, 48.3630

Complementary

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



178.9610, 5.4422, -65.7408



140.0390, -5.4422, 65.7408

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.



195.6600, -14.1294, 52.0412



178.9610, 5.4422, -65.7408



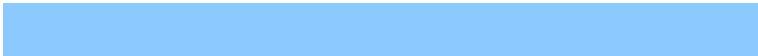
201.3670, 17.0741, 30.3731

Square

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



178.9610, 5.4422, -65.7408



188.9170, 32.5789, -42.9002



199.0630, 1.4479, 49.0567



194.0440, -33.5457, 26.2714

Rectangle

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



178.9610, 5.4422, -65.7408



174.9130, 35.0459, -87.6237



199.0630, 1.4479, 49.0567



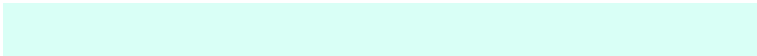
196.9020, -24.6017, 50.9519

Sweetspot

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



178.9610, 5.4422, -65.7408



242.6120, 1.6703, -22.4617



176.9310, -35.9550, -41.1585



120.4390, 0.7696, -13.5400



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.



178.9610, 5.4422, -65.7408



203.6540, 7.5656, -93.5356



164.2010, 25.0439, -52.7963



103.4830, 0.7479, -6.5626



115.4250, 8.1715, -101.2277



29.1170, 2.4073, -25.5356

Inverse Universe

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



140.0390, -5.4422, 65.7408



148.3460, -7.5656, 93.5356



154.7990, -25.0439, 52.7963



99.6310, -0.3111, 6.4626



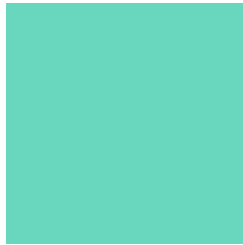
55.4610, -8.6083, 101.3277



13.9970, -1.9705, 25.4356

Previews

White Background



This preview shows how the YUV color 178.9610, 5.4422, -65.7408 looks on a white background.

Color Contrast Check

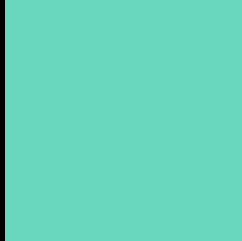
Large Text (above 18pt) WCAG AA × Fail

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 178.9610, 5.4422, -65.7408 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

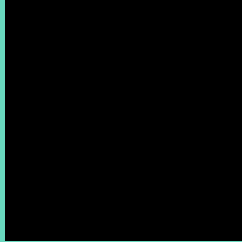
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

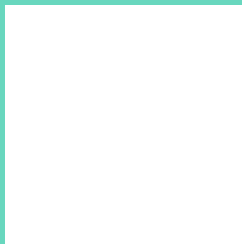
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 178.9610, 5.4422, -65.7408

Background



This preview shows how black text looks on a background with the YUV color 178.9610, 5.4422, -65.7408.



This preview shows how white text looks on a background with the YUV color 178.9610, 5.4422, -65.7408.

-65.7408.

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

178.9610, 5.4422, -65.7408

Protanopia

194.6820, -7.7312, 6.4179

Deuteranopia

196.9740, -0.4802, 14.0548



Tritanopia

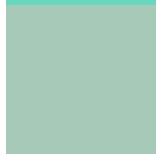
183.8320, 21.2818, -59.4887

Trichromacy



Original Color

178.9610, 5.4422, -65.7408



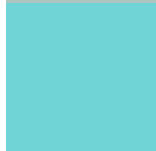
Protanomaly

189.0700, -2.9925, -20.2324



Deuteranomaly

190.0690, 1.9380, -14.9695



Tritanomaly

182.3280, 15.6143, -61.6777

Monochromacy



Original Color

178.9610, 5.4422, -65.7408



Achromatopsia

179.0000, 0.0000, 0.0000



Achromatomaly

179.0140, 1.9651, -23.6913

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.9610, 5.4422, -65.7408 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(104, 215, 190)` looks like.

```
.text, #text, p{  
    color:rgb(104, 215, 190)  
}
```

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(104, 215, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 215, 190) }
```

Border

The CSS property to change the border of an element to YUV 178.9610, 5.4422, -65.7408 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(104, 215, 190) }
```


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

```
.border{ border-color:rgb(104, 215, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 215, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 215, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 215, 190);  
box-shadow:4px 4px 4px 4px rgb(104, 215,  
190) }
```

Background

The CSS property to change the background color of an element to YUV 178.9610, 5.4422, -65.7408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 215, 190) }
```

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

```
.background{ background-color: rgb(104,  
215, 190) }
```

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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