

Converting Colors

YUV(178.0280, 0.4792,
-60.5376)

Have a look what the booklet for
YUV(178.0280, 0.4792, -60.5376)
contains.

YUV(178.0280, 0.4792, -60.5376)	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(178.0280, 0.4792,
-60.5376)**

Conversions

Conversions Part 1

Format	Color
Hex	6DD5B3
RGB	109, 213, 179
RGB Percent	43%, 84%, 70%
CMY	0.5725, 0.1647, 0.2980
CMYK	0.49, 0.00, 0.16, 0.16
HSL	160°, 55%, 63%
HSV	160°, 49%, 84%
XYZ	38.2376, 54.0944, 51.0738
YIQ	178.0280, -51.0700, -32.6220

Conversions

Conversions Part 2

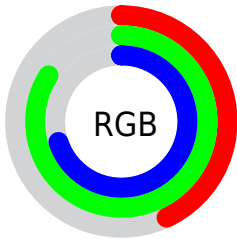
Format	Color
RYB	109, 171, 213
Decimal	7198131
CIELab	78.52, -38.29, 7.56
CIELCh	79, 39.031, 168.827
Yxy	54.0944, 0.2666, 0.3772
Android (android.graphics.Color)	4285388211 (0xFF6DD5B3)
YUV	178.0280, 0.4792, -60.5376
Hunter-Lab	73.5489, -35.9095, 10.3121

Details

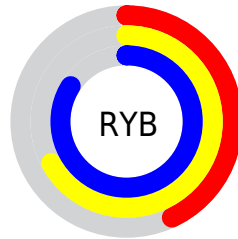
The YUV color **178.0280, 0.4792, -60.5376** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **143.9720, -0.4792, 60.5376**, and the grayscale version is **178.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.1090, 4.3833, -52.7156**, and **121.7610, 2.0898, -63.8114** is the 20% darker color. If you saturate the color by 10%, you get **170.9510, 0.5172, -72.7480**, and if you desaturate by 10%, it is **185.1050, 0.4412, -48.3271**.

Distribution



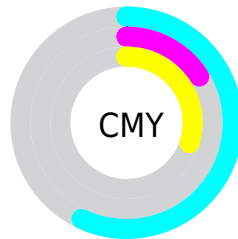
- Red (43%)
- Green (84%)
- Blue (70%)



- Red (43%)
- Yellow (67%)
- Blue (84%)



- Cyan (49%)
- Magenta (0%)
- Yellow (16%)
- Black (16%)



- Cyan (57%)
- Magenta (16%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 178.0280, 0.4792, -60.5376 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 178.0280, 0.4792, -60.5376 by changing the saturation by 10% instead.

■ 178.0280, 0.4792,
-60.5376

■ 178.0280, 0.4792,
-60.5376

255.0000, 0.0000,
0.0000

■ 149.8430, 1.0634,
-61.2523

■ 226.1090, 4.3833,
-52.7156

■ 121.7610, 2.0898,
-63.8114

■ 237.0600, 8.8444,
-36.8866

■ 88.4110, 6.2064,
-77.5364

■ 246.0300, 4.4222,
-18.4433

■ 70.4130, 3.2474,
-61.7522

254.7010, 0.1474,
-0.6148

■ 53.2300, 0.8726,
-46.6827

■ 37.2210, -2.0810,
-32.6428

■ 22.3860, -5.6133,

-19.6325

■ 0.0000, 0.0000,
0.0000

■ 178.0280, 0.4792,
-60.5376

■ 178.0280, 0.4792,
-60.5376

■ 170.9510, 0.5172,
-72.7480

■ 185.1050, 0.4412,
-48.3271

■ 163.5750, 0.7025,
-85.5733

■ 192.4810, 0.2559,
-35.5018

■ 156.4980, 0.7405,
-97.7837

■ 199.5580, 0.2179,
-23.2914

■ 149.4210, 0.7784,
-109.9942

■ 206.6350, 0.1799,
-11.0809

■ 142.0450, 0.9638,
-122.8195

■ 213.7120, 0.1420,
1.1296

 141.3330, 0.8218,
-123.9490

 221.0880, -0.0434,
13.9548

 227.2680, 0.3609,
24.3210

 228.0660, 3.4185,
23.6211

 228.8640, 6.4760,
22.9213

Harmonies

Analogous

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



184.6720, -19.5583, -26.8993



178.0280, 0.4792, -60.5376



169.9760, 22.6898, -91.1870

Triad

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



178.0280, 0.4792, -60.5376



194.1210, 30.0133, -13.2611



195.0440, -26.6437, 52.5814

Complementary

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



178.0280, 0.4792, -60.5376



143.9720, -0.4792, 60.5376

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.



193.9960, -10.3510, 53.5005



178.0280, 0.4792, -60.5376



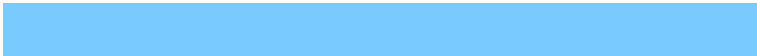
199.3600, 21.0215, 24.2403

Square

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



178.0280, 0.4792, -60.5376



183.8230, 35.0903, -55.0958



198.6870, 5.0843, 49.3865



192.8600, -34.4410, 33.4488

Rectangle

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



178.0280, 0.4792, -60.5376



169.0320, 34.4942, -97.3751



198.6870, 5.0843, 49.3865



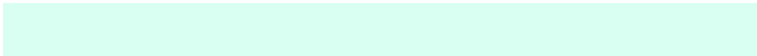
194.4230, -21.4075, 53.1260

Sweetspot

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



178.0280, 0.4792, -60.5376



242.1560, -0.0769, -22.0618



180.5130, -35.2559, -32.0219



120.2110, -0.1040, -13.3400



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.



178.0280, 0.4792, -60.5376



204.5640, 0.7079, -87.3176



171.9250, 20.2500, -55.1852



103.3690, 0.3111, -6.4626



113.4870, 0.7459, -99.5281



28.5470, 0.2233, -25.0357

Inverse Universe

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



143.9720, -0.4792, 60.5376



155.4360, -0.7079, 87.3176



150.0750, -20.2500, 55.1852



99.7450, 0.1257, 6.3626



57.5130, -0.7459, 99.5281



14.4530, -0.2233, 25.0357

Previews

White Background



This preview shows how the YUV color 178.0280, 0.4792, -60.5376 looks on a white background.

Color Contrast Check

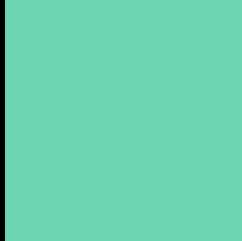
Large Text (above 18pt) WCAG AA × Fail

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 178.0280, 0.4792, -60.5376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

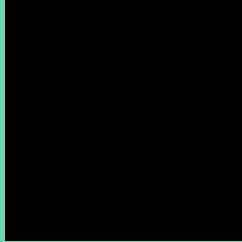
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 178.0280, 0.4792, -60.5376

Background



This preview shows how black text looks on a background with the YUV color 178.0280, 0.4792, -60.5376.



This preview shows how white text looks on a background with the YUV color 178.0280, 0.4792, -60.5376.

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

178.0280, 0.4792, -60.5376

Protanopia

192.8410, -12.2466, 8.0324

Deuteranopia

195.1440, -5.0010, 17.4137



Tritanopia

183.4090, 19.5184, -53.8557

Trichromacy



Original Color

178.0280, 0.4792, -60.5376



Protanomaly

187.2400, -7.5133, -16.8735



Deuteranomaly

188.5380, -2.7302, -10.9958



Tritanomaly

181.2640, 12.6878, -56.3595

Monochromacy



Original Color

178.0280, 0.4792, -60.5376



Achromatopsia

178.0000, 0.0000, 0.0000



Achromatomaly

178.1560, -0.0769, -22.0618

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.0280, 0.4792, -60.5376 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(109, 213, 179)` looks like.

```
.text, #text, p{  
    color:rgb(109, 213, 179)  
}
```

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(109, 213, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 213, 179) }
```

Border

The CSS property to change the border of an element to YUV 178.0280, 0.4792, -60.5376 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(109, 213, 179) }
```


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

```
.border{ border-color:rgb(109, 213, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 213, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 213, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 213, 179);  
box-shadow:4px 4px 4px 4px rgb(109, 213,  
179) }
```

Background

The CSS property to change the background color of an element to YUV 178.0280, 0.4792, -60.5376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 213, 179) }
```

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

```
.background{ background-color: rgb(109,  
213, 179) }
```

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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