

Converting Colors

YUV(177.2850, -2.6055,
-51.1159)

Have a look what the booklet for
YUV(177.2850, -2.6055, -51.1159)
contains.

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Color

**YUV(177.2850, -2.6055,
-51.1159)**

Conversions

Conversions Part 1

Format	Color
Hex	77D0AC
RGB	119, 208, 172
RGB Percent	47%, 82%, 67%
CMY	0.5333, 0.1843, 0.3255
CMYK	0.43, 0.00, 0.17, 0.18
HSL	156°, 49%, 64%
HSV	156°, 43%, 82%
XYZ	37.6100, 52.0122, 47.0868
YIQ	177.2850, -41.4880, -30.0640

Conversions

Conversions Part 2

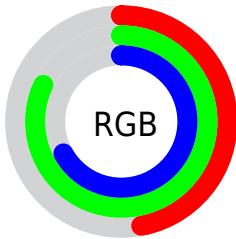
Format	Color
RYB	119, 175, 208
Decimal	7852204
CIELab	77.29, -35.03, 9.60
CIELCh	77, 36.317, 164.675
Yxy	52.0122, 0.2751, 0.3805
Android (android.graphics.Color)	4286042284 (0xFF77D0AC)
YUV	177.2850, -2.6055, -51.1159
Hunter-Lab	72.1195, -33.1222, 11.7732

Details

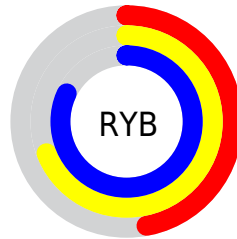
The YUV color **177.2850, -2.6055, -51.1159** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **149.7150, 2.6055, 51.1159**, and the grayscale version is **177.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.8880, -0.4378, -46.3828**, and **122.3280, -1.1477, -52.0307** is the 20% darker color. If you saturate the color by 10%, you get **170.0940, -3.0043, -63.2264**, and if you desaturate by 10%, it is **184.4760, -2.2067, -39.0055**.

Distribution



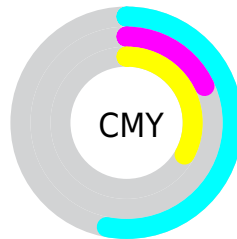
- Red (47%)
- Green (82%)
- Blue (67%)



- Red (47%)
- Yellow (69%)
- Blue (82%)



- Cyan (43%)
- Magenta (0%)
- Yellow (17%)
- Black (18%)



- Cyan (53%)
- Magenta (18%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 177.2850, -2.6055, -51.1159 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 177.2850, -2.6055, -51.1159 by changing the saturation by 10% instead.

 177.2850, -2.6055,
-51.1159


 177.2850, -2.6055,
-51.1159

255.0000, 0.0000,
0.0000


 149.3990, -2.1687,
-51.2159


 227.8880, -0.4378,
-46.3828


 122.3280, -1.1477,
-52.0307


 239.7510, 7.5178,
-31.3536

 94.9470, 0.0261,
-55.2045

 248.4220, 3.2430,
-13.5251

 67.3810, 1.7842,
-59.0931

 50.7850, -0.8800,
-44.5384

 34.3030, -3.1074,
-30.0837

 19.5990, -8.6763,

-17.1883

■ 0.0000, 0.0000,
0.0000

■ 177.2850, -2.6055,
-51.1159

■ 177.2850, -2.6055,
-51.1159

■ 170.0940, -3.0043,
-63.2264

■ 184.4760, -2.2067,
-39.0055

■ 162.7890, -3.8400,
-75.2370

■ 191.7810, -1.3710,
-26.9949

■ 155.8970, -4.3862,
-86.7327

■ 198.6730, -0.8248,
-15.4992

■ 148.5920, -5.2219,
-98.7432


■ 205.9780, 0.0108,
-3.4887

■ 141.4010, -5.6207,
-110.8537


■ 213.1690, 0.4097,
8.6218

 136.2320, -6.0304,
-119.4755

 220.3600, 0.8085,
20.7323

 224.6750, 3.1182,
26.5950

 225.5870, 6.6126,
25.7952

 226.6130, 10.5438,
24.8954

Harmonies

Analogous

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



183.1890, -20.3062, -20.3368



177.2850, -2.6055, -51.1159



170.7990, 17.8471, -77.8767

Triad

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



177.2850, -2.6055, -51.1159



190.2560, 31.9188, -17.7645



192.5430, -23.4387, 51.2668

Complementary

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



177.2850, -2.6055, -51.1159



149.7150, 2.6055, 51.1159

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.



193.6370, -9.1880, 53.8154



177.2850, -2.6055, -51.1159



195.1420, 21.6220, 18.2925

Square

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



177.2850, -2.6055, -51.1159



181.1650, 36.4007, -55.3957



195.5230, 7.1372, 44.2683



190.2560, -31.6782, 33.9785

Rectangle

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



177.2850, -2.6055, -51.1159



169.6160, 28.7833, -85.6092



195.5230, 7.1372, 44.2683



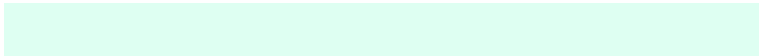
193.0040, -19.2290, 54.3705

Sweetspot

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



177.2850, -2.6055, -51.1159



243.6510, -0.8139, -18.9879



182.3060, -31.2099, -23.0704



120.6950, -0.8356, -12.0105



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.



177.2850, -2.6055, -51.1159



210.0880, -3.9874, -74.6222



177.2800, 15.1450, -51.1116



101.1410, -0.5625, -6.2627



110.0160, -4.9379, -96.4840



26.8030, -1.3819, -23.5062

Inverse Universe

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



149.7150, 2.6055, 51.1159



169.9120, 3.9874, 74.6222



149.7200, -15.1450, 51.1116



97.7450, 0.1257, 6.3626



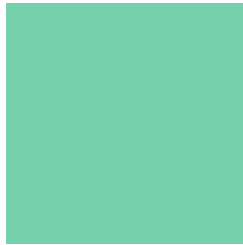
57.9840, 4.9379, 96.4840



14.1970, 1.3819, 23.5062

Previews

White Background



This preview shows how the YUV color 177.2850, -2.6055, -51.1159 looks on a white background.

Color Contrast Check

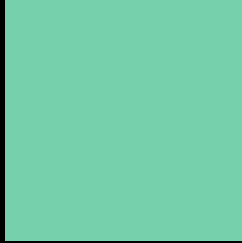
Large Text (above 18pt) WCAG AA × Fail

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 177.2850, -2.6055, -51.1159 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

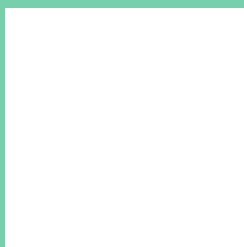
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 177.2850, -2.6055, -51.1159

Background



This preview shows how black text looks on a background with the YUV color 177.2850, -2.6055, -51.1159.



This preview shows how white text looks on a background with the YUV color 177.2850, -2.6055, -51.1159.

-51.1159.

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

177.2850, -2.6055, -51.1159

Protanopia

188.9120, -13.2676, 8.8472

Deuteranopia

191.2860, -7.0430, 19.0432



Tritanopia

182.5950, 17.4547, -45.2488

Trichromacy



Original Color

177.2850, -2.6055, -51.1159



Protanomaly

184.8060, -9.2714, -12.9849



Deuteranomaly

186.1750, -5.5093, -6.2925



Tritanomaly

180.6350, 10.0399, -47.0379

Monochromacy



Original Color

177.2850, -2.6055, -51.1159



Achromatopsia

177.0000, 0.0000, 0.0000



Achromatomaly

176.9500, -0.9613, -18.3731

CSS Examples

Text

The CSS property to change the color of the text to YUV 177.2850, -2.6055, -51.1159 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(119, 208, 172)` looks like.

```
.text, #text, p{  
    color:rgb(119, 208, 172)  
}
```

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(119, 208, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 208, 172) }
```

Border

The CSS property to change the border of an element to YUV 177.2850, -2.6055, -51.1159 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(119, 208, 172) }
```


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

```
.border{ border-color:rgb(119, 208, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 208, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 208, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 208, 172);  
box-shadow:4px 4px 4px 4px rgb(119, 208,  
172) }
```

Background

The CSS property to change the background color of an element to YUV 177.2850, -2.6055, -51.1159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 208, 172) }
```

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

```
.background{ background-color: rgb(119,  
208, 172) }
```

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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