

Converting Colors

YUV(177.8350, 6.4903,
-75.2773)

Have a look what the booklet for
YUV(177.8350, 6.4903, -75.2773)
contains.

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Color

**YUV(177.8350, 6.4903,
-75.2773)**

Conversions

Conversions Part 1

Format	Color
Hex	5CDBBF
RGB	92, 219, 191
RGB Percent	36%, 86%, 75%
CMY	0.6392, 0.1412, 0.2510
CMYK	0.58, 0.00, 0.13, 0.14
HSL	167°, 64%, 61%
HSV	167°, 58%, 86%
XYZ	39.1491, 56.6999, 58.1710
YIQ	177.8350, -66.7040, -35.6320

Conversions

Conversions Part 2

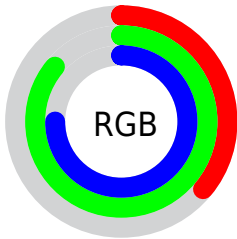
Format	Color
R _Y B	92, 163, 219
Decimal	6085567
CIE Lab	80.01, -41.82, 3.25
CIE LCh	80, 41.946, 175.556
Yxy	56.6999, 0.2542, 0.3681
Android (android.graphics.Color)	4284275647 (0xFF5CDBBF)
YUV	177.8350, 6.4903, -75.2773
Hunter-Lab	75.2994, -38.9694, 6.9062

Details

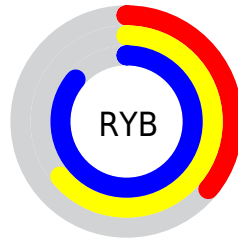
The YUV color **177.8350, 6.4903, -75.2773** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **133.1650, -6.4903, 75.2773**, and the grayscale version is **178.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.2910, 11.6885, -62.5222**, and **112.6090, 12.5178, -95.2501** is the 20% darker color. If you saturate the color by 10%, you get **170.6870, 7.5493, -88.3025**, and if you desaturate by 10%, it is **184.9830, 5.4314, -62.2521**.

Distribution



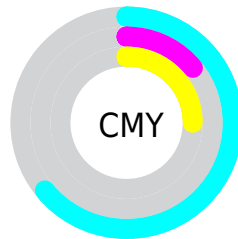
- Red (36%)
- Green (86%)
- Blue (75%)



- Red (36%)
- Yellow (64%)
- Blue (86%)



- Cyan (58%)
- Magenta (0%)
- Yellow (13%)
- Black (14%)



- Cyan (64%)
- Magenta (14%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 177.8350, 6.4903, -75.2773 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 177.8350, 6.4903, -75.2773 by changing the saturation by 10% instead.

■ 177.8350, 6.4903,
-75.2773

■ 177.8350, 6.4903,
-75.2773

255.0000, 0.0000,
0.0000

■ 148.4540, 7.6642,
-78.4512

■ 223.2910, 11.6885,
-62.5222

■ 112.6090, 12.5178,
-95.2501

■ 233.1730, 10.7607,
-44.8787

■ 92.6000, 9.5642,
-81.2102

■ 242.1430, 6.3385,
-26.4354

■ 74.6020, 6.6052,
-65.4260

■ 251.1130, 1.9163,
-7.9921

■ 57.3050, 3.7936,
-50.2565

■ 40.7090, 1.1295,
-35.7018

■ 25.9880, -1.9661,

-22.7915

■ 0.0000, 0.0000,
0.0000

■ 177.8350, 6.4903,
-75.2773

■ 177.8350, 6.4903,
-75.2773

■ 170.6870, 7.5493,
-88.3025

■ 184.9830, 5.4314,
-62.2521

■ 163.5390, 8.6083,
-101.3277

■ 192.1310, 4.3724,
-49.2269

■ 156.5050, 10.1040,
-114.4529

■ 199.1650, 2.8767,
-36.1017

■ 149.3570, 11.1630,
-127.4781

■ 206.3130, 1.8177,
-23.0765

■ 148.0470, 11.3158,
-129.8372

■ 213.4610, 0.7587,
-10.0513

■ 220.3100, -0.1528,
2.3591

■ 227.4580, -1.2118,
15.3843

■ 231.0180, -0.5019,
21.0322

■ 231.4740, 1.2453,
20.6323

Harmonies

Analogous

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



186.7030, -16.6156, -37.4505



177.8350, 6.4903, -75.2773



165.6510, 32.2171, -113.7039

Triad

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



177.8350, 6.4903, -75.2773



198.9050, 27.6548, -3.4247



197.2950, -30.7114, 50.6073

Complementary

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



177.8350, 6.4903, -75.2773



133.1650, -6.4903, 75.2773

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.



195.0730, -13.8400, 52.5560



177.8350, 6.4903, -75.2773



203.9590, 19.2472, 33.3620

Square

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



177.8350, 6.4903, -75.2773



188.2860, 32.8900, -49.3628



198.3450, 3.7739, 49.6864



196.3280, -37.6297, 29.5303

Rectangle

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



177.8350, 6.4903, -75.2773



167.8930, 41.9578, -111.2852



198.3450, 3.7739, 49.6864



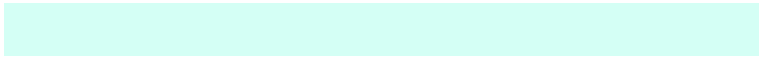
195.9730, -25.6227, 51.7667

Sweetspot

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



177.8350, 6.4903, -75.2773



241.0030, 1.9705, -25.4356



175.5190, -41.1749, -46.9362



119.5420, 1.2118, -15.3843



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.



177.8350, 6.4903, -75.2773



197.3320, 9.2033, -105.5312



161.0690, 28.5600, -60.5735



106.3690, 0.3111, -6.4626



116.9410, 8.9031, -102.5573



31.1060, 2.4127, -27.2800

Inverse Universe

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



133.1650, -6.4903, 75.2773



134.6680, -9.2033, 105.5312



149.9310, -28.5600, 60.5735



102.5170, -0.7479, 6.5626



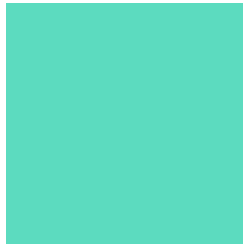
56.0590, -8.9031, 102.5573



14.8940, -2.4127, 27.2800

Previews

White Background



This preview shows how the YUV color 177.8350, 6.4903, -75.2773 looks on a white background.

Color Contrast Check

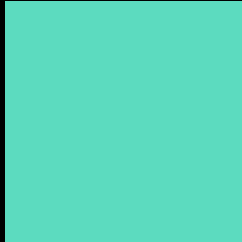
Large Text (above 18pt) WCAG AA × Fail

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 177.8350, 6.4903, -75.2773 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

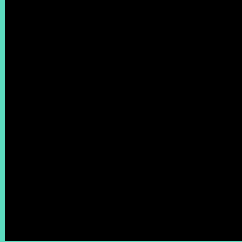
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

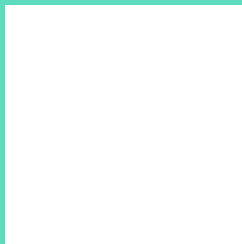
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 177.8350, 6.4903, -75.2773

Background



This preview shows how black text looks on a background with the YUV color 177.8350, 6.4903, -75.2773.



This preview shows how white text looks on a background with the YUV color 177.8350, 6.4903, -75.2773.

-75.2773.

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

177.8350, 6.4903, -75.2773

Protanopia

196.7530, -8.7522, 7.2326

Deuteranopia

199.1590, -1.0644, 14.7696



Tritanopia

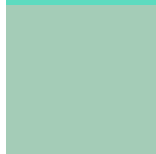
183.0590, 23.6349, -67.5807

Trichromacy



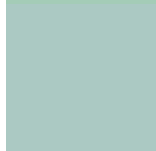
Original Color

177.8350, 6.4903, -75.2773



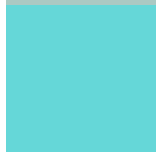
Protanomaly

189.6460, -3.2765, -22.4915



Deuteranomaly

191.3460, 1.8014, -17.8434



Tritanomaly

181.0280, 17.2412, -70.1846

Monochromacy



Original Color

177.8350, 6.4903, -75.2773



Achromatopsia

178.0000, 0.0000, 0.0000



Achromatomaly

178.1060, 2.4127, -27.2800

CSS Examples

Text

The CSS property to change the color of the text to YUV 177.8350, 6.4903, -75.2773 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(92, 219, 191)` looks like.

```
.text, #text, p{  
    color:rgb(92, 219, 191)  
}
```

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(92, 219, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 219, 191) }
```

Border

The CSS property to change the border of an element to YUV 177.8350, 6.4903, -75.2773 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(92, 219, 191) }
```


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

```
.border{ border-color:rgb(92, 219, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 219, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 219, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 219, 191);  
box-shadow:4px 4px 4px 4px rgb(92, 219,  
191) }
```

Background

The CSS property to change the background color of an element to YUV 177.8350, 6.4903, -75.2773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 219, 191) }
```

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

```
.background{ background-color: rgb(92, 219,  
191) }
```

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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