

Converting Colors

YUV(159.5800, 23.3781,
-78.5617)

Have a look what the booklet for
YUV(159.5800, 23.3781, -78.5617)
contains.

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Color

**YUV(159.5800, 23.3781,
-78.5617)**

Conversions

Conversions Part 1

Format	Color
Hex	46C4CF
RGB	70, 196, 207
RGB Percent	27%, 77%, 81%
CMY	0.7255, 0.2314, 0.1882
CMYK	0.66, 0.05, 0.00, 0.19
HSL	185°, 59%, 54%
HSV	185°, 66%, 81%
XYZ	33.5282, 45.2869, 66.0056
YIQ	159.5800, -78.6270, -23.2910

Conversions

Conversions Part 2

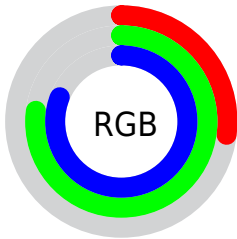
Format	Color
RYB	70, 136, 207
Decimal	4637903
CIELab	73.08, -30.68, -15.68
CIELCh	73, 34.455, 207.069
Yxy	45.2869, 0.2315, 0.3127
Android (android.graphics.Color)	4282827983 (0xFF46C4CF)
YUV	159.5800, 23.3781, -78.5617
Hunter-Lab	67.2956, -28.8345, -11.0466

Details

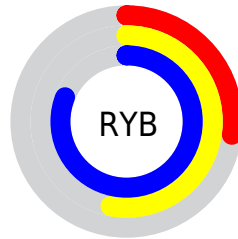
The YUV color **159.5800, 23.3781, -78.5617** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **117.4200, -23.3781, 78.5617**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.6470, 18.4150, -73.3584**, and **100.7960, 25.7366, -88.3981** is the 20% darker color. If you saturate the color by 10%, you get **152.1270, 27.0524, -90.4424**, and if you desaturate by 10%, it is **167.0330, 19.7037, -66.6809**.

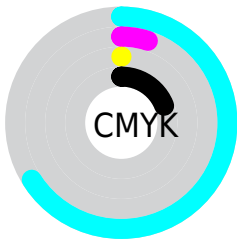
Distribution



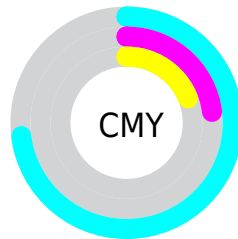
- Red (27%)
- Green (77%)
- Blue (81%)



- Red (27%)
- Yellow (53%)
- Blue (81%)



- Cyan (66%)
- Magenta (5%)
- Yellow (0%)
- Black (19%)



- Cyan (73%)
- Magenta (23%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.5800, 23.3781, -78.5617 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 159.5800, 23.3781, -78.5617 by changing the saturation by 10% instead.

■ 159.5800, 23.3781,
-78.5617

■ 159.5800, 23.3781,
-78.5617

■ 255.0000, 0.0000,
0.0000

■ 127.0840, 25.5946,
-89.5277

■ 217.6470, 18.4150,
-73.3584

■ 100.7960, 25.7366,
-88.3981

■ 228.0900, 13.2666,
-55.3299

■ 82.5700, 21.9040,
-72.4139

■ 237.0600, 8.8444,
-36.8866

■ 65.0450, 18.2188,
-57.0445

■ 246.0300, 4.4222,
-18.4433

■ 48.2210, 14.6810,
-42.2898

■ 32.0980, 11.2907,
-28.1499

■ 15.6160, 9.0633,

-13.6952

■ 1.0260, 3.9312,
-0.8998

■ 0.0000, 0.0000,
0.0000

■ 159.5800, 23.3781,
-78.5617

■ 159.5800, 23.3781,
-78.5617

■ 152.1270, 27.0524,
-90.4424

■ 167.0330, 19.7037,
-66.6809

■ 145.5600, 30.2899,
-102.2231

■ 173.6000, 16.4662,
-54.9002

■ 138.1070, 33.9642,
-114.1038

■ 181.0530, 12.7919,
-43.0195

■ 135.1280, 35.4329,
-118.5073

■ 188.5060, 9.1175,
-31.1388

■ 195.0730, 5.8800,
-19.3580

■ 202.5260, 2.2057,
-7.4773

■ 209.9790, -1.4686,
4.4034

■ 216.8450, -4.8536,
16.7989

■ 223.7000, -8.2331,
27.4501

Harmonies

Analogous

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



164.0050, 5.4205, -58.7634



159.5800, 23.3781, -78.5617



164.4530, 32.8077, -69.6803

Triad

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



159.5800, 23.3781, -78.5617



184.3730, 14.6061, 28.6139



177.5320, -30.3353, 23.2124

Complementary

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



159.5800, 23.3781, -78.5617



117.4200, -23.3781, 78.5617

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.



180.3910, -26.3218, 42.6301



159.5800, 23.3781, -78.5617



183.7100, 0.1430, 47.6123

Square

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



159.5800, 23.3781, -78.5617



181.2750, 26.4864, -1.9952



181.5460, -14.5662, 52.1412



174.2190, -25.7440, -2.8231

Rectangle

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



159.5800, 23.3781, -78.5617



171.5140, 33.7636, -49.5628



181.5460, -14.5662, 52.1412



178.6900, -29.9202, 30.0899

Sweetspot

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



159.5800, 23.3781, -78.5617



237.4030, 8.6753, -29.2944



151.4450, -35.7154, -71.4273



116.9700, 5.4378, -17.5137



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.



159.5800, 23.3781, -78.5617



185.5090, 34.2591, -115.3334



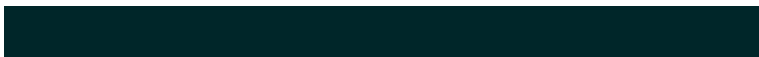
120.2510, 42.7673, -44.0701



101.1240, 1.9109, -6.2477



110.1370, 28.5265, -96.5901



26.9800, 6.9119, -23.6615

Inverse Universe

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



125.3270, 34.8418, 71.6272



135.1890, 51.1788, 105.0742



156.7490, -42.7673, 44.0701



98.4290, 2.7465, 5.7628



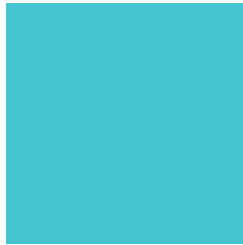
67.9020, 42.9393, 87.7859



16.5910, 10.5546, 21.4067

Previews

White Background



This preview shows how the YUV color 159.5800, 23.3781, -78.5617 looks on a white background.

Color Contrast Check

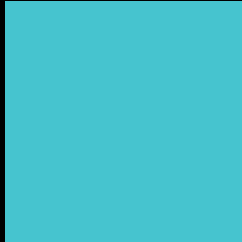
Large Text (above 18pt) WCAG AA × Fail

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 159.5800, 23.3781, -78.5617 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 159.5800, 23.3781, -78.5617 Background



This preview shows how black text looks on a background with the YUV color 159.5800, 23.3781, -78.5617.



This preview shows how white text looks on a background with the YUV color 159.5800, 23.3781, -78.5617.

-78.5617.

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

159.5800, 23.3781, -78.5617

Protanopia

178.7530, 8.0098, -2.4144

Deuteranopia

179.8270, 15.8613, -0.7253



Tritanopia

160.0470, 25.1198, -77.2172

Trichromacy



Original Color

159.5800, 23.3781, -78.5617

Protanomaly

171.6570, 13.4801, -30.3942

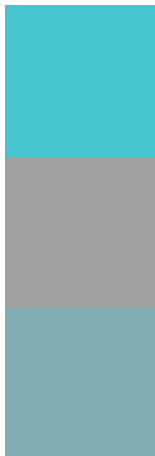
Deuteranomaly

172.3350, 18.5688, -29.2348

Tritanomaly

159.6340, 24.8304, -77.7320

Monochromacy



Original Color

159.5800, 23.3781, -78.5617

Achromatopsia

160.0000, 0.0000, 0.0000

Achromatomaly

159.7020, 8.5279, -28.6797

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.5800, 23.3781, -78.5617 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(70, 196, 207)` looks like.

```
.text, #text, p{  
    color:rgb(70, 196, 207)  
}
```

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(70, 196, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 196, 207) }
```

Border

The CSS property to change the border of an element to YUV 159.5800, 23.3781, -78.5617 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(70, 196, 207) }
```


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

```
.border{ border-color:rgb(70, 196, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 196, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 196, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 196, 207);  
box-shadow:4px 4px 4px 4px rgb(70, 196,  
207) }
```

Background

The CSS property to change the background color of an element to YUV 159.5800, 23.3781, -78.5617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 196, 207) }
```

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

```
.background{ background-color: rgb(70, 196,  
207) }
```

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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