

Converting Colors

YUV(178.8220, 19.8078,
-53.3409)

Have a look what the booklet for
YUV(178.8220, 19.8078, -53.3409)
contains.

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Color

**YUV(178.8220, 19.8078,
-53.3409)**

Conversions

Conversions Part 1

Format	Color
Hex	76CADB
RGB	118, 202, 219
RGB Percent	46%, 79%, 86%
CMY	0.5373, 0.2078, 0.1412
CMYK	0.46, 0.08, 0.00, 0.14
HSL	190°, 58%, 66%
HSV	190°, 46%, 86%
XYZ	41.3779, 51.2071, 74.7209
YIQ	178.8220, -55.5210, -12.5210

Conversions

Conversions Part 2

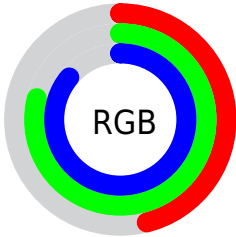
Format	Color
R _Y B	118, 164, 219
Decimal	7785179
CIE Lab	76.80, -21.07, -16.40
CIE LCh	77, 26.702, 217.901
Yxy	51.2071, 0.2473, 0.3061
Android (android.graphics.Color)	4285975259 (0xFF76CADB)
YUV	178.8220, 19.8078, -53.3409
Hunter-Lab	71.5591, -22.0137, -11.8183

Details

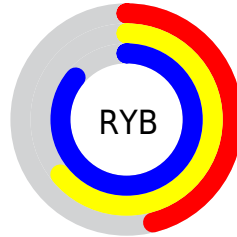
The YUV color **178.8220, 19.8078, -53.3409** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **158.1780, -19.8078, 53.3409**, and the grayscale version is **179.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.0800, 11.7926, -49.1822**, and **123.2130, 20.1080, -56.3148** is the 20% darker color. If you saturate the color by 10%, you get **169.8960, 24.2083, -64.8068**, and if you desaturate by 10%, it is **187.7480, 15.4072, -41.8750**.

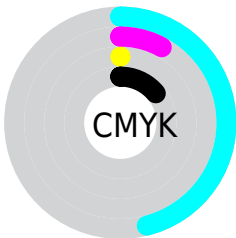
Distribution



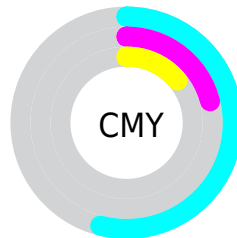
- Red (46%)
- Green (79%)
- Blue (86%)



- Red (46%)
- Yellow (64%)
- Blue (86%)



- Cyan (46%)
- Magenta (8%)
- Yellow (0%)
- Black (14%)



- Cyan (54%)
- Magenta (21%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 178.8220, 19.8078, -53.3409 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 178.8220, 19.8078, -53.3409 by changing the saturation by 10% instead.

■ 178.8220, 19.8078,
-53.3409

■ 178.8220, 19.8078,
-53.3409

■ 255.0000, 0.0000,
0.0000

■ 151.1100, 19.6658,
-54.4705

■ 231.0800, 11.7926,
-49.1822

■ 123.2130, 20.1080,
-56.3148

■ 239.7510, 7.5178,
-31.3536

■ 93.9240, 21.7295,
-63.0773

■ 248.7210, 3.0955,
-12.9103

■ 69.7070, 20.8504,
-61.1330

■ 52.8830, 17.3127,
-46.3784

■ 36.6460, 13.4855,
-32.1385

■ 22.3980, 9.6638,

-19.6430

■ 3.0950, 9.3202,
-2.7143

■ 0.0000, 0.0000,
0.0000

■ 178.8220, 19.8078,
-53.3409

■ 178.8220, 19.8078,
-53.3409

■ 169.8960, 24.2083,
-64.8068

■ 187.7480, 15.4072,
-41.8750

■ 161.5570, 28.3194,
-76.7875

■ 196.0870, 11.2961,
-29.8943

■ 152.6310, 32.7199,
-88.2534

■ 205.0130, 6.8956,
-18.4284

■ 143.7050, 37.1204,
-99.7193

■ 213.9390, 2.4951,
-6.9625

■ 135.6650, 41.0842,
-111.0852

■ 222.2780, -1.6161,
5.0182

■ 131.8000, 42.9896,
-115.5886

■ 230.9050, -5.8692,
15.8693

■ 235.0470, -7.9112,
17.4988

■ 236.8080, -8.7793,
15.9544

■ 239.1560, -9.9369,
13.8952

Harmonies

Analogous

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



179.0540, 7.8614, -48.2824



178.8220, 19.8078, -53.3409



183.0930, 25.5902, -41.3006

Triad

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



178.8220, 19.8078, -53.3409



193.8370, 7.4754, 29.0840



187.7030, -23.0246, 11.6615

Complementary

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



178.8220, 19.8078, -53.3409



158.1780, -19.8078, 53.3409

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.



190.2260, -22.7894, 29.6198



178.8220, 19.8078, -53.3409



193.4010, -4.6347, 39.9903

Square

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



178.8220, 19.8078, -53.3409



192.7510, 17.8708, 8.1114



192.1270, -15.8386, 40.2306



184.7650, -17.1391, -9.4409

Rectangle

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



178.8220, 19.8078, -53.3409



186.7790, 25.2520, -26.1162



192.1270, -15.8386, 40.2306



188.2200, -23.7725, 18.2241

Sweetspot

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



178.8220, 19.8078, -53.3409



240.7140, 7.0430, -19.0432



179.2250, -21.8029, -53.6943



119.0740, 4.4005, -11.4659



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.



178.8220, 19.8078, -53.3409



199.0520, 27.5824, -73.7136



149.4720, 34.2773, -27.6009



105.5370, 2.2003, -5.7329



104.2500, 33.8937, -91.4273



27.5500, 9.0959, -24.1613

Inverse Universe

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



157.7750, 21.8029, 53.6943



170.0840, 30.0316, 74.4713



187.5280, -34.2773, 27.6009



103.3150, 2.3097, 5.8627



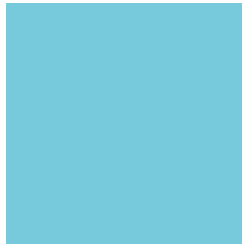
68.1430, 37.3975, 91.9596



18.0860, 9.8176, 24.4806

Previews

White Background



This preview shows how the YUV color 178.8220, 19.8078, -53.3409 looks on a white background.

Color Contrast Check

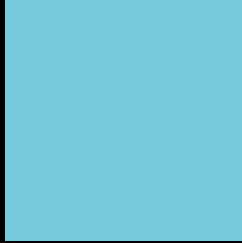
Large Text (above 18pt) WCAG AA × Fail

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 178.8220, 19.8078, -53.3409 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

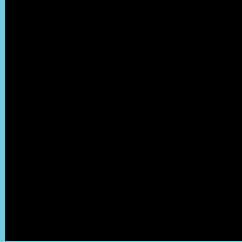
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 178.8220, 19.8078, -53.3409

Background



This preview shows how black text looks on a background with the YUV color 178.8220, 19.8078, -53.3409.



This preview shows how white text looks on a background with the YUV color 178.8220, 19.8078, -53.3409.

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

178.8220, 19.8078, -53.3409

Protanopia

189.2090, 9.7570, -2.8143

Deuteranopia

190.2400, 16.1507, -0.2105



Tritanopia

178.7080, 19.3710, -53.2409

Trichromacy



Original Color

178.8220, 19.8078, -53.3409

Protanomaly

185.1250, 13.7424, -21.1576

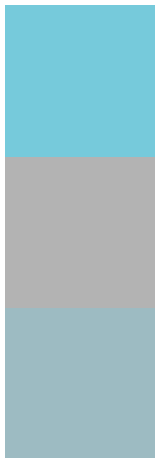
Deuteranomaly

186.4610, 17.5207, -19.6983

Tritanomaly

178.7080, 19.3710, -53.2409

Monochromacy



Original Color

178.8220, 19.8078, -53.3409

Achromatopsia

179.0000, 0.0000, 0.0000

Achromatomaly

178.8280, 7.4798, -19.1432

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.8220, 19.8078, -53.3409 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(118, 202, 219)` looks like.

```
.text, #text, p{  
    color:rgb(118, 202, 219)  
}
```

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(118, 202, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 202, 219) }
```

Border

The CSS property to change the border of an element to YUV 178.8220, 19.8078, -53.3409 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(118, 202, 219) }
```


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

```
.border{ border-color:rgb(118, 202, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 202, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 202, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 202, 219);  
box-shadow:4px 4px 4px 4px rgb(118, 202,  
219) }
```

Background

The CSS property to change the background color of an element to YUV 178.8220, 19.8078, -53.3409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 202, 219) }
```

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

```
.background{ background-color: rgb(118,  
202, 219) }
```

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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