

Converting Colors

YUV(178.1050, -79.9178,
13.0629)

Have a look what the booklet for
YUV(178.1050, -79.9178, 13.0629)
contains.

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Color

**YUV(178.1050, -79.9178,
13.0629)**

Conversions

Conversions Part 1

Format	Color
Hex	C1CA10
RGB	193, 202, 16
RGB Percent	76%, 79%, 6%
CMY	0.2431, 0.2078, 0.9373
CMYK	0.04, 0.00, 0.92, 0.21
HSL	63°, 85%, 43%
HSV	63°, 92%, 79%
XYZ	43.2064, 53.6159, 8.5619
YIQ	178.1050, 54.3420, -59.7540

Conversions

Conversions Part 2

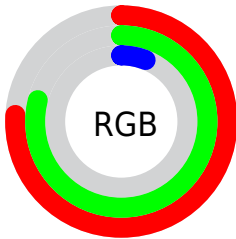
Format	Color
RYB	16, 202, 25
Decimal	12700176
CIELab	78.24, -21.75, 76.79
CIELCh	78, 79.813, 105.810
Yxy	53.6159, 0.4100, 0.5088
Android (android.graphics.Color)	4290890256 (0xFFC1CA10)
YUV	178.1050, -79.9178, 13.0629
Hunter-Lab	73.2229, -22.8132, 44.3233

Details

The YUV color **178.1050, -79.9178, 13.0629** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed yellow. A complement of this color would be **39.8950, 79.9178, -13.0629**, and the grayscale version is **179.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.4780, -72.2137, 15.3668**, and **127.2410, -62.7298, 6.8046** is the 20% darker color. If you saturate the color by 10%, you get **175.9820, -86.7591, 14.0478**, and if you desaturate by 10%, it is **180.6840, -71.3292, 11.6781**.

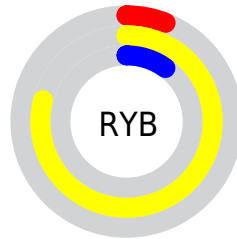
Distribution



Red (76%)

Green (79%)

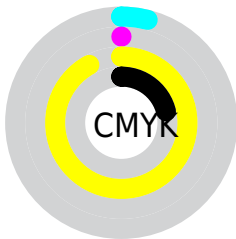
Blue (6%)



Red (6%)

Yellow (79%)

Blue (10%)

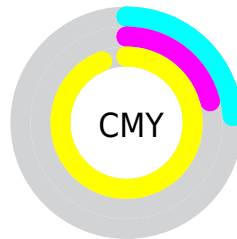


Cyan (4%)

Magenta (0%)

Yellow (92%)

Black (21%)



Cyan (24%)

Magenta (21%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YUV color 178.1050, -79.9178, 13.0629 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 178.1050, -79.9178, 13.0629 by changing the saturation by 10% instead.

■ 178.1050,
-79.9178, 13.0629

■ 178.1050,
-79.9178, 13.0629

■ 255.0000, 0.0000,
0.0000

■ 151.7610,
-74.8182, 10.7336

■ 235.4780,
-72.2137, 15.3668

■ 127.2410,
-62.7298, 6.8046

■ 239.3820,
-59.8413, 13.6970

■ 104.1940,
-51.3676, 2.4609

■ 242.5740,
-47.6110, 10.8976

■ 81.1470, -40.0055,
-1.8829

■ 245.8800,
-34.9438, 7.9982

■ 58.6870, -28.9327,
-6.7415

■ 249.1860,
-22.2767, 5.0989

■ 37.4120, -18.4441,
-10.8853

■ 252.6060, -9.1728,

■ 18.1970, -8.9711,

2.0995

-15.9588

■ 0.0000, 0.0000,
0.0000

■ 178.1050,
-79.9178, 13.0629

■ 178.1050,
-79.9178, 13.0629

■ 175.9820,
-86.7591, 14.0478

■ 180.6840,
-71.3292, 11.6781

■ 183.2630,
-62.7407, 10.2933

■ 185.9560,
-53.7153, 8.8086

■ 188.5350,
-45.1268, 7.4238

■ 191.1140,
-36.5382, 6.0390

■ 193.6930,
-27.9496, 4.6542

■ 196.2720,
-19.3611, 3.2695

■ 198.9650,
-10.3357, 1.7847

■ 201.5440, -1.7472,
0.3999

Harmonies

Analogous

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



183.4500, -76.1439, 62.7493



178.1050, -79.9178, 13.0629



168.7090, -42.7475, -55.8728

Triad

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



178.1050, -79.9178, 13.0629



160.5580, 46.5599, -140.8094



176.0680, 27.5745, 69.2234

Complementary

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



178.1050, -79.9178, 13.0629



39.8950, 79.9178, -13.0629

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.



194.1960, 29.9764, 45.4321



178.1050, -79.9178, 13.0629



153.5140, 50.0326, -134.6318

Square

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



178.1050, -79.9178, 13.0629



160.2840, 35.3560, -140.5691



174.4090, 39.7314, -50.3477



165.1700, -4.0278, 78.7809

Rectangle

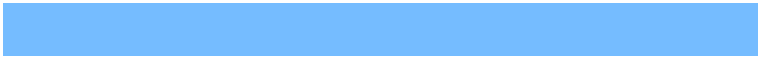
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



178.1050, -79.9178, 13.0629



146.1940, -8.4766, -128.2121



174.4090, 39.7314, -50.3477



183.9730, 35.0163, 62.2907

Sweetspot

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



178.1050, -79.9178, 13.0629



246.0090, -30.5704, 5.2541



75.1360, -29.1540, 111.2597



122.0870, -18.7769, 2.5547



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.



178.1050, -79.9178, 13.0629



222.3420, -109.6146, 18.1171



151.1950, -66.6511, -42.2670



100.8600, -4.3680, 0.9998



144.6840, -71.3292, 11.6781



33.0700, -16.3035, 2.5696

Inverse Universe

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



39.8950, 79.9178, -13.0629



32.6580, 109.6146, -18.1171



66.8050, 66.6511, 42.2670



93.1400, 4.3680, -0.9998



21.3160, 71.3292, -11.6781



4.9300, 16.3035, -2.5696

Previews

White Background



This preview shows how the YUV color 178.1050, -79.9178, 13.0629 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 178.1050, -79.9178, 13.0629 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 178.1050, -79.9178, 13.0629

Background



This preview shows how black text looks on a background with the YUV color 178.1050, -79.9178, 13.0629.



This preview shows how white text looks on a background with the YUV color 178.1050, -79.9178, 13.0629.

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

178.1050, -79.9178, 13.0629

Protanopia

180.3140, -83.4718, 33.0506

Deuteranopia

184.3670, -73.6379, 52.2981



Tritanopia

195.3910, 3.7512, 10.1811

Trichromacy



Original Color

178.1050, -79.9178, 13.0629

Protanomaly

179.6120, -82.1397, 25.7733

Deuteranomaly

181.9970, -75.9205, 37.7136

Tritanomaly

189.0790, -26.6609, 11.3317

Monochromacy



Original Color

178.1050, -79.9178, 13.0629

Achromatopsia

178.0000, 0.0000, 0.0000

Achromatomaly

178.0520, -29.1126, 4.3394

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.1050, -79.9178, 13.0629 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(193, 202, 16)` looks like.

```
.text, #text, p{  
    color:rgb(193, 202, 16)  
}
```

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(193, 202, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 202, 16) }
```

Border

The CSS property to change the border of an element to YUV 178.1050, -79.9178, 13.0629 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(193, 202, 16) }
```


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

```
.border{ border-color:rgb(193, 202, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 202, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 202, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 202, 16);  
box-shadow:4px 4px 4px 4px rgb(193, 202,  
16) }
```

Background

The CSS property to change the background color of an element to YUV 178.1050, -79.9178, 13.0629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 202, 16) }
```

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

```
.background{ background-color: rgb(193,  
202, 16) }
```

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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