

Converting Colors

YUV(180.7960, -81.2444,
18.5959)

Have a look what the booklet for
YUV(180.7960, -81.2444, 18.5959)
contains.

YUV(180.7960, -81.2444, 18.5959)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(180.7960, -81.2444,
18.5959)**

Conversions

Conversions Part 1

Format	Color
Hex	CACA10
RGB	202, 202, 16
RGB Percent	79%, 79%, 6%
CMY	0.2078, 0.2078, 0.9373
CMYK	0.00, 0.00, 0.92, 0.21
HSL	60°, 85%, 43%
HSV	60°, 92%, 79%
XYZ	45.5712, 54.8350, 8.6726
YIQ	180.7960, 59.7060, -57.8460

Conversions

Conversions Part 2

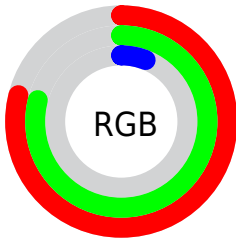
Format	Color
RYB	16, 202, 16
Decimal	13290000
CIELab	78.95, -17.91, 77.65
CIELCh	79, 79.688, 102.989
Yxy	54.8350, 0.4178, 0.5027
Android (android.graphics.Color)	4291480080 (0xFFCACA10)
YUV	180.7960, -81.2444, 18.5959
Hunter-Lab	74.0507, -19.7388, 44.8916

Details

The YUV color **180.7960, -81.2444, 18.5959** 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 **37.2040, 81.2444, -18.5959**, and the grayscale version is **182.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.0760, -72.5085, 16.5963**, and **129.6330, -63.9091, 11.7229** is the 20% darker color. If you saturate the color by 10%, you get **178.9720, -88.2332, 20.1956**, and if you desaturate by 10%, it is **183.0760, -72.5085, 16.5963**.

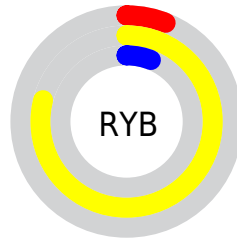
Distribution



Red (79%)

Green (79%)

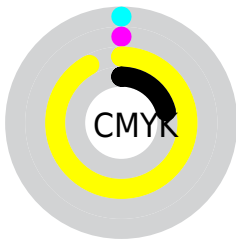
Blue (6%)



Red (6%)

Yellow (79%)

Blue (6%)

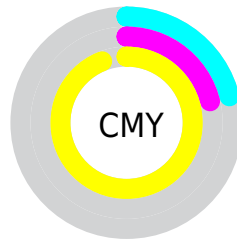


Cyan (0%)

Magenta (0%)

Yellow (92%)

Black (21%)



Cyan (21%)

Magenta (21%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.7960, -81.2444, 18.5959 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 180.7960, -81.2444, 18.5959 by changing the saturation by 10% instead.

■ 180.7960,
-81.2444, 18.5959

■ 180.7960,
-81.2444, 18.5959

■ 255.0000, 0.0000,
0.0000

■ 154.1530,
-75.9974, 15.6518

■ 236.0760,
-72.5085, 16.5963

■ 129.6330,
-63.9091, 11.7229

■ 239.3820,
-59.8413, 13.6970

■ 106.5860,
-52.5469, 7.3791

■ 242.6880,
-47.1742, 10.7976

■ 83.5390, -41.1847,
3.0353

■ 245.9940,
-34.5070, 7.8983

■ 61.3780, -30.2594,
-1.2085

■ 249.3000,
-21.8399, 4.9989

■ 40.3910, -19.9128,
-6.4819

■ 252.6060, -9.1728,

■ 19.0940, -9.4133,

2.0995

-14.1144

■ 0.0000, 0.0000,
0.0000

■ 180.7960,
-81.2444, 18.5959

■ 180.7960,
-81.2444, 18.5959

■ 178.9720,
-88.2332, 20.1956

■ 183.0760,
-72.5085, 16.5963

■ 185.3560,
-63.7725, 14.5968

■ 187.7500,
-54.5997, 12.4973

■ 190.0300,
-45.8638, 10.4977

■ 192.3100,
-37.1278, 8.4981

■ 194.5900,
-28.3919, 6.4986

■ 196.8700,
-19.6559, 4.4990

■ 199.2640,
-10.4832, 2.3995

■ 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.



183.7750, -72.3601, 62.4643



180.7960, -81.2444, 18.5959



172.4280, -46.5530, -48.6104

Triad

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



180.7960, -81.2444, 18.5959



162.3190, 45.6917, -142.3538



180.0290, 30.0587, 65.7496

Complementary

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



180.7960, -81.2444, 18.5959



37.2040, 81.2444, -18.5959

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.



195.3370, 29.4139, 39.1695



180.7960, -81.2444, 18.5959



155.2750, 49.1644, -136.1762

Square

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



180.7960, -81.2444, 18.5959



160.8880, 32.5932, -141.0988



171.9620, 40.9377, -63.9877



166.7830, -0.3860, 77.3663

Rectangle

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



180.7960, -81.2444, 18.5959



146.2110, -10.9500, -128.2270



171.9620, 40.9377, -63.9877



186.9080, 33.5694, 59.7167

Sweetspot

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



180.7960, -81.2444, 18.5959



246.9060, -31.0127, 7.0984



71.6140, -27.4177, 114.3485



122.9840, -19.2191, 4.3990



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.



180.7960, -81.2444, 18.5959



225.9300, -111.3835, 25.4944



152.9890, -67.5356, -38.5784



100.8600, -4.3680, 0.9998



147.0760, -72.5085, 16.5963



33.6680, -16.5983, 3.7992

Inverse Universe

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



37.2040, 81.2444, -18.5959



29.0700, 111.3835, -25.4944



65.0110, 67.5356, 38.5784



93.1400, 4.3680, -0.9998



18.9240, 72.5085, -16.5963



4.3320, 16.5983, -3.7992

Previews

White Background



This preview shows how the YUV color 180.7960, -81.2444, 18.5959 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 180.7960, -81.2444, 18.5959 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 180.7960, -81.2444, 18.5959

Background



This preview shows how black text looks on a background with the YUV color 180.7960, -81.2444, 18.5959.



This preview shows how white text looks on a background with the YUV color 180.7960, -81.2444, 18.5959.

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

180.7960, -81.2444, 18.5959

Protanopia

182.3140, -83.4718, 33.0506

Deuteranopia

186.0250, -74.9483, 52.5981



Tritanopia

197.6690, 2.1352, 15.1993

Trichromacy



Original Color

180.7960, -81.2444, 18.5959

Protanomaly

181.5090, -82.5819, 27.6176

Deuteranomaly

183.9650, -77.3837, 40.3727

Tritanomaly

191.3570, -28.2770, 16.3499

Monochromacy



Original Color

180.7960, -81.2444, 18.5959

Achromatopsia

181.0000, 0.0000, 0.0000

Achromatomaly

181.2480, -29.7023, 6.7985

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.7960, -81.2444, 18.5959 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(202, 202, 16)` looks like.

```
.text, #text, p{  
    color:rgb(202, 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(202, 202, 16) colored shadow looks like.

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

Border

The CSS property to change the border of an element to YUV 180.7960, -81.2444, 18.5959 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(202, 202, 16) }
```


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

```
.border{ border-color:rgb(202, 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(202, 202, 16)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to YUV 180.7960, -81.2444, 18.5959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(202,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor