

Converting Colors

YUV(177.3820, -80.0543,
10.1890)

Have a look what the booklet for
YUV(177.3820, -80.0543, 10.1890)
contains.

| | |
|--|----|
| YUV(177.3820, -80.0543, 10.1890) | 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(177.3820, -80.0543,
10.1890)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | BDCB0F |
| RGB | 189, 203, 15 |
| RGB Percent | 74%, 80%, 6% |
| CMY | 0.2588, 0.2039, 0.9412 |
| CMYK | 0.07, 0.00, 0.93, 0.20 |
| HSL | 64°, 86%, 43% |
| HSV | 64°, 93%, 80% |
| XYZ | 42.4284, 53.5652, 8.5548 |
| YIQ | 177.3820, 52.0040, -61.4360 |

Conversions

Conversions Part 2

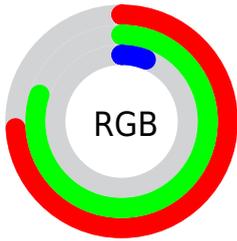
| Format | Color |
|-------------------------------------|---|
| RYB | 15, 203, 29 |
| Decimal | 12438287 |
| CIELab | 78.21, -23.94, 76.77 |
| CIELCh | 78, 80.412, 107.319 |
| Yxy | 53.5652, 0.4058, 0.5123 |
| Android (android.graphics.Color) | 4290628367 (0xFFBDCB0F) |
| YUV | 177.3820, -80.0543, 10.1890 |
| Hunter-Lab | 73.1882, -24.6000, 44.3015 |

Details

The YUV color **177.3820, -80.0543, 10.1890** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as dark washed chartreuse. A complement of this color would be **40.6180, 80.0543, -10.1890**, and the grayscale version is **178.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.1680, -72.0608, 13.0077**, and **126.6320, -62.4296, 3.8307** is the 20% darker color. If you saturate the color by 10%, you get **175.3730, -86.4589, 11.0739**, and if you desaturate by 10%, it is **180.2600, -71.6132, 9.4190**.

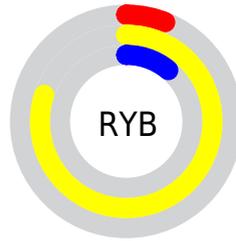
Distribution



Red (74%)

Green (80%)

Blue (6%)



Red (6%)

Yellow (80%)

Blue (11%)

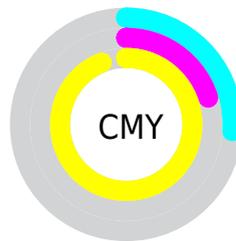


Cyan (7%)

Magenta (0%)

Yellow (93%)

Black (20%)



Cyan (26%)

Magenta (20%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YUV color 177.3820, -80.0543, 10.1890 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 177.3820, -80.0543, 10.1890 by changing the saturation by 10% instead.

■ 177.3820,
-80.0543, 10.1890

■ 177.3820,
-80.0543, 10.1890

■ 255.0000, 0.0000,
0.0000

■ 151.1520,
-74.5179, 7.7597

■ 234.1680,
-72.0608, 13.0077

■ 126.6320,
-62.4296, 3.8307

■ 239.2680,
-60.2781, 13.7970

■ 102.9980,
-50.7780, 0.0018

■ 242.5740,
-47.6110, 10.8976

■ 80.5380, -39.7052,
-4.8568

■ 245.8800,
-34.9438, 7.9982

■ 58.0780, -28.6325,
-9.7154

■ 249.1860,
-22.2767, 5.0989

■ 36.5040, -17.9965,
-14.4740

■ 252.6060, -9.1728,

■ 18.7840, -9.2605,

2.0995

-16.4736

■ 0.0000, 0.0000,
0.0000

■ 177.3820,
-80.0543, 10.1890

■ 177.3820,
-80.0543, 10.1890

■ 175.3730,
-86.4589, 11.0739

■ 180.2600,
-71.6132, 9.4190

■ 182.9530,
-62.5878, 7.9342

■ 185.8310,
-54.1467, 7.1642

■ 188.4100,
-45.5581, 5.7794

■ 191.4020,
-36.6802, 4.9094

■ 193.9810,
-28.0916, 3.5247

■ 196.8590,
-19.6505, 2.7547

■ 199.4380,
-11.0619, 1.3699

■ 202.4300, -2.1840,
0.4999

Harmonies

Analogous

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



183.2390, -79.4908, 62.9344



177.3820, -80.0543, 10.1890



166.5450, -40.6947, -60.9910

Triad

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



177.3820, -80.0543, 10.1890



160.5580, 46.5599, -140.8094



174.4380, 26.4061, 70.6529

Complementary

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



177.3820, -80.0543, 10.1890



40.6180, 80.0543, -10.1890

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.



193.9300, 30.1075, 50.0504



177.3820, -80.0543, 10.1890



152.9270, 50.3220, -134.1170

Square

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



177.3820, -80.0543, 10.1890



160.7400, 37.1032, -140.9690



176.5130, 38.6941, -44.2999



164.7140, -5.7750, 79.1808

Rectangle

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



177.3820, -80.0543, 10.1890



146.6500, -6.7295, -128.6121



176.5130, 38.6941, -44.2999



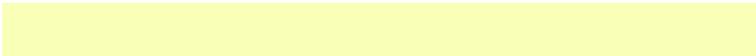
182.5710, 34.7215, 63.5202

Sweetspot

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



177.3820, -80.0543, 10.1890



245.4110, -30.2756, 4.0246



78.8430, -31.4746, 108.8857



121.7880, -18.6295, 1.9399



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.



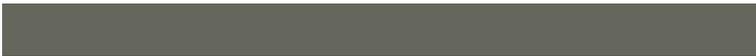
177.3820, -80.0543, 10.1890



220.2490, -108.5828, 13.8136



149.5750, -66.3455, -46.9853



100.5610, -4.2206, 0.3850



143.1890, -70.5922, 8.6042



32.7710, -16.1561, 1.9548

Inverse Universe

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



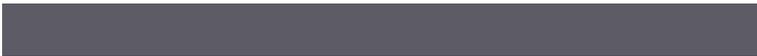
40.6180, 80.0543, -10.1890



34.7510, 108.5828, -13.8136



68.4250, 66.3455, 46.9853



93.4390, 4.2206, -0.3850



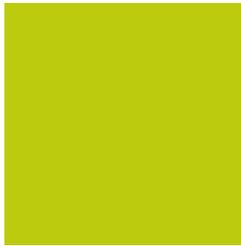
22.5120, 70.7396, -9.2190



5.2290, 16.1561, -1.9548

Previews

White Background



This preview shows how the YUV color 177.3820, -80.0543, 10.1890 looks on a white background.

Color Contrast Check

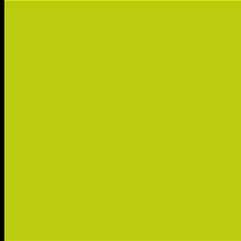
Large Text (above 18pt) WCAG AA × Fail

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 177.3820, -80.0543, 10.1890 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 177.3820, -80.0543, 10.1890

Background



This preview shows how black text looks on a background with the YUV color 177.3820, -80.0543, 10.1890.



This preview shows how white text looks on a background with the YUV color 177.3820, -80.0543, 10.1890.

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

177.3820, -80.0543, 10.1890

Protanopia

180.0860, -84.3454, 33.2506

Deuteranopia

184.4810, -73.2011, 52.1982



Tritanopia

194.8960, 4.4883, 7.1072

Trichromacy



Original Color

177.3820, -80.0543, 10.1890

Protanomaly

178.7860, -82.7185, 24.7437

Deuteranomaly

181.6980, -75.7731, 37.0989

Tritanomaly

188.4700, -26.3607, 8.3578

Monochromacy



Original Color

177.3820, -80.0543, 10.1890

Achromatopsia

177.0000, 0.0000, 0.0000

Achromatomaly

176.7530, -28.9652, 3.7246

CSS Examples

Text

The CSS property to change the color of the text to YUV 177.3820, -80.0543, 10.1890 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(189, 203, 15)` looks like.

```
.text, #text, p{  
    color:rgb(189, 203, 15)  
}
```

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(189, 203, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 203, 15) }
```

Border

The CSS property to change the border of an element to YUV 177.3820, -80.0543, 10.1890 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(189, 203, 15) }
```

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

```
.border{ border-color:rgb(189, 203, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 203, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 203, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 203, 15);  
box-shadow:4px 4px 4px 4px rgb(189, 203,  
15) }
```

Background

The CSS property to change the background color of an element to YUV 177.3820, -80.0543, 10.1890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 203, 15) }
```

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

```
.background{ background-color: rgb(189,  
203, 15) }
```

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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