

Converting Colors

YUV(180.0070, -81.3485,
5.2559)

Have a look what the booklet for
YUV(180.0070, -81.3485, 5.2559)
contains.

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Color

**YUV(180.0070, -81.3485,
5.2559)**

Conversions

Conversions Part 1

Format	Color
Hex	BAD10F
RGB	186, 209, 15
RGB Percent	73%, 82%, 6%
CMY	0.2706, 0.1804, 0.9412
CMYK	0.11, 0.00, 0.93, 0.18
HSL	67°, 87%, 44%
HSV	67°, 93%, 82%
XYZ	43.1364, 56.0745, 9.0019
YIQ	180.0070, 48.5660, -65.2100

Conversions

Conversions Part 2

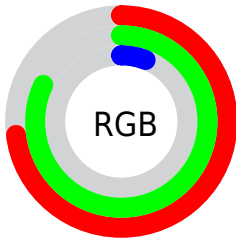
Format	Color
RYB	15, 209, 38
Decimal	12243215
CIELab	79.66, -28.07, 77.80
CIELCh	80, 82.706, 109.839
Yxy	56.0745, 0.3986, 0.5182
Android (android.graphics.Color)	4290433295 (0xFFBAD10F)
YUV	180.0070, -81.3485, 5.2559
Hunter-Lab	74.8829, -28.2200, 45.2906

Details

The YUV color **180.0070, -81.3485, 5.2559** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed chartreuse. A complement of this color would be **43.9930, 81.3485, -5.2559**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.3850, -71.1818, 11.0634**, and **129.2570, -63.7237, -1.1024** is the 20% darker color. If you saturate the color by 10%, you get **177.6990, -87.6056, 5.5260**, and if you desaturate by 10%, it is **182.9990, -72.4705, 4.3859**.

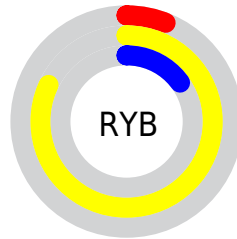
Distribution



Red (73%)

Green (82%)

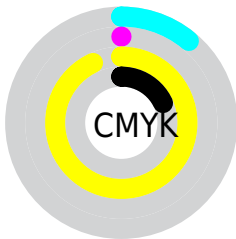
Blue (6%)



Red (6%)

Yellow (82%)

Blue (15%)

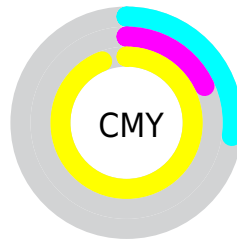


Cyan (11%)

Magenta (0%)

Yellow (93%)

Black (18%)



Cyan (27%)

Magenta (18%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.0070, -81.3485, 5.2559 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 180.0070, -81.3485, 5.2559 by changing the saturation by 10% instead.

■ 180.0070,
-81.3485, 5.2559

■ 180.0070,
-81.3485, 5.2559

■ 255.0000, 0.0000,
0.0000

■ 153.1900,
-75.5227, 3.3414

■ 233.3850,
-71.1818, 11.0634

■ 129.2570,
-63.7237, -1.1024

■ 239.4960,
-59.4045, 13.5970

■ 105.6230,
-52.0721, -4.9314

■ 242.6880,
-47.1742, 10.7976

■ 82.5760, -40.7100,
-9.2752

■ 245.9940,
-34.5070, 7.8983

■ 59.2300, -29.2004,
-14.2337

■ 249.4140,
-21.4031, 4.8989

■ 36.7590, -18.1222,
-20.8366

■ 252.7200, -8.7360,

■ 20.5450, -10.1287,

1.9996

-18.0180

■ 0.0000, 0.0000,
0.0000

■ 180.0070,
-81.3485, 5.2559

■ 180.0070,
-81.3485, 5.2559

■ 177.6990,
-87.6056, 5.5260

■ 182.9990,
-72.4705, 4.3859

■ 186.2900,
-63.7400, 4.1307

■ 189.2820,
-54.8620, 3.2607

■ 192.5730,
-46.1315, 3.0055

■ 195.5650,
-37.2535, 2.1355

■ 198.7420,
-28.9598, 1.9803

■ 201.7340,
-20.0819, 1.1103

■ 205.0250,
-11.3513, 0.8551

■ 208.0170, -2.4734,
-0.0149

Harmonies

Analogous

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



185.1650, -87.3423, 61.2453



180.0070, -81.3485, 5.2559



167.5760, -37.7520, -71.5422

Triad

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



180.0070, -81.3485, 5.2559



162.9060, 45.4023, -142.8686



174.3240, 25.9693, 70.7529

Complementary

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



180.0070, -81.3485, 5.2559



43.9930, 81.3485, -5.2559

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.



195.1260, 29.5179, 52.5095



180.0070, -81.3485, 5.2559



154.6880, 49.4538, -135.6614

Square

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



180.0070, -81.3485, 5.2559



165.0430, 40.8978, -144.7427



181.8840, 36.0462, -34.9783



165.5460, -7.6642, 78.4512

Rectangle

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



180.0070, -81.3485, 5.2559



151.0840, -4.9714, -132.5007



181.8840, 36.0462, -34.9783



181.8700, 34.5741, 64.1350

Sweetspot

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



180.0070, -81.3485, 5.2559



244.5140, -29.8334, 2.1802



86.5070, -35.2530, 107.4264



121.1900, -18.3347, 0.7104



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.



180.0070, -81.3485, 5.2559



216.9600, -106.9613, 7.0511



151.0040, -67.0500, -54.3775



103.1480, -4.5100, -0.1298



142.8680, -70.4339, 4.5008



34.8310, -17.1717, 1.0252

Inverse Universe

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



43.9930, 81.3485, -5.2559



38.0400, 106.9613, -7.0511



72.9960, 67.0500, 54.3775



95.5530, 4.6574, -0.4850



25.1320, 70.4339, -4.5008



6.1690, 17.1717, -1.0252

Previews

White Background



This preview shows how the YUV color 180.0070, -81.3485, 5.2559 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 180.0070, -81.3485, 5.2559 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 180.0070, -81.3485, 5.2559

Background



This preview shows how black text looks on a background with the YUV color 180.0070, -81.3485, 5.2559.



This preview shows how white text looks on a background with the YUV color 180.0070, -81.3485, 5.2559.

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

180.0070, -81.3485, 5.2559

Protanopia

183.2880, -87.4030, 33.9504

Deuteranopia

188.2530, -74.0747, 52.3981



Tritanopia

198.2160, 5.8095, 3.3186

Trichromacy



Original Color

180.0070, -81.3485, 5.2559

Protanomaly

182.0910, -85.3339, 23.5992

Deuteranomaly

185.1600, -76.4939, 34.9397

Tritanomaly

191.2630, -25.7657, 4.1543

Monochromacy



Original Color

180.0070, -81.3485, 5.2559

Achromatopsia

180.0000, 0.0000, 0.0000

Achromatomaly

180.2150, -29.6860, 1.5654

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.0070, -81.3485, 5.2559 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(186, 209, 15)` looks like.

```
.text, #text, p{  
    color:rgb(186, 209, 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(186, 209, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 209, 15) }
```

Border

The CSS property to change the border of an element to YUV 180.0070, -81.3485, 5.2559 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(186, 209, 15) }
```


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

```
.border{ border-color:rgb(186, 209, 15) }
```

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

Here you see how a box with a 4 pixel rgb(186, 209, 15) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 209, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 209, 15);  
box-shadow:4px 4px 4px 4px rgb(186, 209,  
15) }
```

Background

The CSS property to change the background color of an element to YUV 180.0070, -81.3485, 5.2559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 209, 15) }
```

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

```
.background{ background-color: rgb(186,  
209, 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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