

Converting Colors

YUV(185.4350, -56.9095,
6.6345)

Have a look what the booklet for
YUV(185.4350, -56.9095, 6.6345)
contains.

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Color

**YUV(185.4350, -56.9095,
6.6345)**

Conversions

Conversions Part 1

Format	Color
Hex	C1CC46
RGB	193, 204, 70
RGB Percent	76%, 80%, 27%
CMY	0.2431, 0.2000, 0.7255
CMYK	0.05, 0.00, 0.66, 0.20
HSL	65°, 57%, 54%
HSV	65°, 66%, 80%
XYZ	44.6907, 54.9654, 14.0483
YIQ	185.4350, 36.4580, -44.0060

Conversions

Conversions Part 2

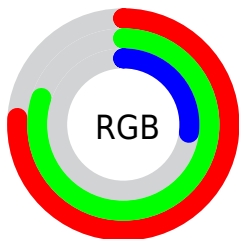
Format	Color
RYB	70, 204, 81
Decimal	12700742
CIELab	79.02, -20.77, 62.77
CIELCh	79, 66.116, 108.311
Yxy	54.9654, 0.3930, 0.4834
Android (android.graphics.Color)	4290890822 (0xFFC1CC46)
YUV	185.4350, -56.9095, 6.6345
Hunter-Lab	74.1386, -22.1431, 40.6624

Details

The YUV color **185.4350, -56.9095, 6.6345** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **88.5650, 56.9095, -6.6345**, and the grayscale version is **186.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.2830, -56.3415, 11.1528**, and **128.7140, -63.4560, 6.3898** is the 20% darker color. If you saturate the color by 10%, you get **182.5570, -65.3506, 7.4045**, and if you desaturate by 10%, it is **188.3130, -48.4683, 5.8645**.

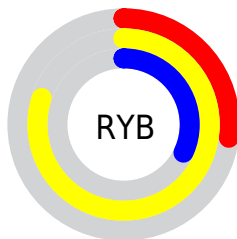
Distribution



Red (76%)

Green (80%)

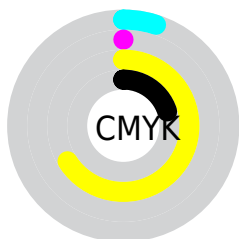
Blue (27%)



Red (27%)

Yellow (80%)

Blue (32%)

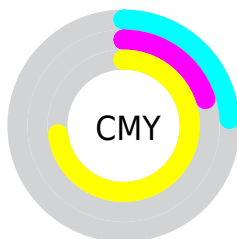


Cyan (5%)

Magenta (0%)

Yellow (66%)

Black (20%)



Cyan (24%)

Magenta (20%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 185.4350, -56.9095, 6.6345 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 185.4350, -56.9095, 6.6345 by changing the saturation by 10% instead.

■ 185.4350,
-56.9095, 6.6345

■ 185.4350,
-56.9095, 6.6345

■ 255.0000, 0.0000,
0.0000

■ 157.6090,
-57.4882, 5.6049

■ 239.2830,
-56.3415, 11.1528

■ 128.7140,
-63.4560, 6.3898

■ 243.3720,
-44.5534, 10.1978

■ 105.3790,
-51.9518, 3.1756

■ 246.5640,
-32.3231, 7.3984

■ 82.6310, -40.7371,
-0.5534

■ 249.7560,
-20.0927, 4.5990

■ 61.0570, -30.1011,
-5.3120

■ 253.0620, -7.4256,
1.6996

■ 39.7820, -19.6125,
-9.4558

■ 18.7840, -9.2605,

-16.4736

■ 0.0000, 0.0000,
0.0000

■ 185.4350,
-56.9095, 6.6345

■ 185.4350,
-56.9095, 6.6345

■ 182.5570,
-65.3506, 7.4045

■ 188.3130,
-48.4683, 5.8645

■ 179.8640,
-74.3760, 8.8893

■ 191.0060,
-39.4430, 4.3797

■ 176.9860,
-82.8171, 9.6593

■ 193.8840,
-31.0018, 3.6097

■ 175.6610,
-86.6009, 9.9443

■ 196.8760,
-22.1239, 2.7397

■ 199.4550,
-13.5353, 1.3550

■ 202.3330, -5.0942,
0.5850

■ 205.3250, 3.7838,
-0.2850

■ 207.9040, 12.3723,
-1.6698

■ 210.8960, 21.2503,
-2.5398

Harmonies

Analogous

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



190.6240, -59.9606, 52.0728



185.4350, -56.9095, 6.6345



176.0980, -32.5863, -48.3209

Triad

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



185.4350, -56.9095, 6.6345



158.7970, 47.4281, -139.2650



185.4940, 17.9975, 60.9568

Complementary

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



185.4350, -56.9095, 6.6345



88.5650, 56.9095, -6.6345

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.



199.1910, 27.5138, 41.9285



185.4350, -56.9095, 6.6345



151.7530, 50.9008, -133.0874

Square

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



185.4350, -56.9095, 6.6345



159.1100, 35.9348, -139.5395



186.3580, 33.8405, -27.5010



177.8390, -8.7946, 67.6702

Rectangle

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



185.4350, -56.9095, 6.6345



155.8460, -3.8681, -112.9979



186.3580, 33.8405, -27.5010



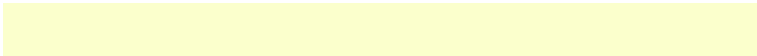
191.2960, 24.9971, 55.8684

Sweetspot

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



185.4350, -56.9095, 6.6345



247.9900, -21.6871, 2.6398



115.3490, -22.3571, 77.7469



123.5690, -13.0985, 1.2550



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.



185.4350, -56.9095, 6.6345



227.0030, -85.2905, 9.6444



166.0000, -47.3280, -33.3260



100.5610, -4.2206, 0.3850



142.8900, -70.4448, 7.9895



32.7710, -16.1561, 1.9548

Inverse Universe

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



88.5650, 56.9095, -6.6345



81.6980, 85.4379, -10.2591



108.0000, 47.3280, 33.3260



93.4390, 4.2206, -0.3850



23.1100, 70.4448, -7.9895



5.2290, 16.1561, -1.9548

Previews

White Background



This preview shows how the YUV color 185.4350, -56.9095, 6.6345 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 185.4350, -56.9095, 6.6345 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 185.4350, -56.9095, 6.6345

Background



This preview shows how black text looks on a background with the YUV color 185.4350, -56.9095, 6.6345.



This preview shows how white text looks on a background with the YUV color 185.4350, -56.9095, 6.6345.

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

185.4350, -56.9095, 6.6345

Protanopia

187.9860, -59.1531, 26.3223

Deuteranopia

190.5030, -56.4500, 46.0399



Tritanopia

197.1950, 4.3409, 7.7220

Trichromacy



Original Color

185.4350, -56.9095, 6.6345

Protanomaly

187.1700, -58.2578, 19.1449

Deuteranomaly

189.0020, -56.6960, 31.5702

Tritanomaly

193.0490, -17.7722, 6.9730

Monochromacy



Original Color

185.4350, -56.9095, 6.6345

Achromatopsia

185.0000, 0.0000, 0.0000

Achromatomaly

185.2180, -20.8135, 2.4398

CSS Examples

Text

The CSS property to change the color of the text to YUV 185.4350, -56.9095, 6.6345 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, 204, 70)` looks like.

```
.text, #text, p{  
    color:rgb(193, 204, 70)  
}
```

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, 204, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 204, 70) }
```

Border

The CSS property to change the border of an element to YUV 185.4350, -56.9095, 6.6345 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, 204, 70) }
```


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

```
.border{ border-color:rgb(193, 204, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 204, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 204, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 204, 70);  
box-shadow:4px 4px 4px 4px rgb(193, 204,  
70) }
```

Background

The CSS property to change the background color of an element to YUV 185.4350, -56.9095, 6.6345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 204, 70) }
```

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

```
.background{ background-color: rgb(193,  
204, 70) }
```

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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