

Converting Colors

YUV(186.2390, -56.3198,
4.1754)

Have a look what the booklet for
YUV(186.2390, -56.3198, 4.1754)
contains.

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Color

**YUV(186.2390, -56.3198,
4.1754)**

Conversions

Conversions Part 1

Format	Color
Hex	BFCE48
RGB	191, 206, 72
RGB Percent	75%, 81%, 28%
CMY	0.2510, 0.1922, 0.7176
CMYK	0.07, 0.00, 0.65, 0.19
HSL	67°, 58%, 55%
HSV	67°, 65%, 81%
XYZ	44.7269, 55.6869, 14.5222
YIQ	186.2390, 34.0740, -44.8540

Conversions

Conversions Part 2

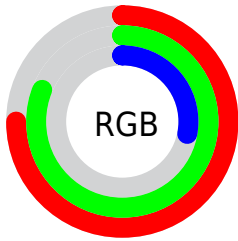
Format	Color
RYB	72, 206, 87
Decimal	12570184
CIELab	79.44, -22.45, 62.36
CIELCh	79, 66.277, 109.801
Yxy	55.6869, 0.3891, 0.4845
Android (android.graphics.Color)	4290760264 (0xFFBFCE48)
YUV	186.2390, -56.3198, 4.1754
Hunter-Lab	74.6236, -23.6045, 40.6984

Details

The YUV color **186.2390, -56.3198, 4.1754** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted chartreuse. A complement of this color would be **91.7610, 56.3198, -4.1754**, and the grayscale version is **187.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **238.9130, -55.1731, 9.7233**, and **129.4040, -63.3032, 4.0307** is the 20% darker color. If you saturate the color by 10%, you get **183.2470, -65.1978, 5.0454**, and if you desaturate by 10%, it is **189.2310, -47.4419, 3.3054**.

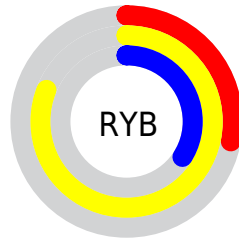
Distribution



Red (75%)

Green (81%)

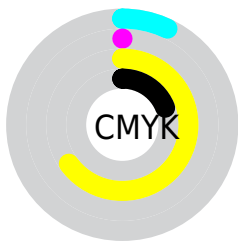
Blue (28%)



Red (28%)

Yellow (81%)

Blue (34%)

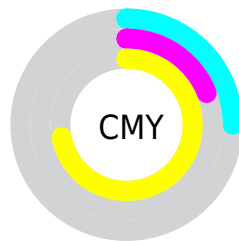


Cyan (7%)

Magenta (0%)

Yellow (65%)

Black (19%)



Cyan (25%)

Magenta (19%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 186.2390, -56.3198, 4.1754 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 186.2390, -56.3198, 4.1754 by changing the saturation by 10% instead.

■ 186.2390,
-56.3198, 4.1754

■ 186.2390,
-56.3198, 4.1754

■ 255.0000, 0.0000,
0.0000

■ 158.4130,
-56.8986, 3.1458

■ 238.9130,
-55.1731, 9.7233

■ 129.4040,
-63.3032, 4.0307

■ 243.6000,
-43.6798, 9.9978

■ 105.9550,
-52.2358, 0.9165

■ 246.7920,
-31.4495, 7.1984

■ 83.2070, -41.0211,
-2.8125

■ 249.9840,
-19.2191, 4.3990

■ 61.0460, -30.0957,
-7.0563

■ 253.2900, -6.5520,
1.4997

■ 39.7710, -19.6071,
-11.2002

■ 19.3710, -9.5499,

-16.9884

■ 0.0000, 0.0000,
0.0000

■ 186.2390,
-56.3198, 4.1754

■ 186.2390,
-56.3198, 4.1754

■ 183.2470,
-65.1978, 5.0454

■ 189.2310,
-47.4419, 3.3054

■ 180.0700,
-73.4915, 5.2006

■ 192.4080,
-39.1481, 3.1502

■ 177.0780,
-82.3695, 6.0706

■ 195.4000,
-30.2702, 2.2802

■ 175.6390,
-86.5900, 6.4556

■ 198.2780,
-21.8291, 1.5102

■ 201.5690,
-13.0985, 1.2550

■ 204.5610, -4.2206,
0.3850

■ 207.4390, 4.2206,
-0.3850

■ 210.4310, 13.0985,
-1.2550

■ 213.3800, 20.5187,
-1.2103

Harmonies

Analogous

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



191.4990, -60.3920, 50.4284



186.2390, -56.3198, 4.1754



176.4180, -31.2651, -52.1096

Triad

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



186.2390, -56.3198, 4.1754



159.3840, 47.1387, -139.7798



185.9670, 17.2713, 60.5419

Complementary

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



186.2390, -56.3198, 4.1754



91.7610, 56.3198, -4.1754

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.



199.8000, 27.2136, 44.9024



186.2390, -56.3198, 4.1754



152.3400, 50.6114, -133.6022

Square

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



186.2390, -56.3198, 4.1754



160.2670, 37.8294, -140.5542



188.4510, 32.8087, -23.1975



178.7850, -10.2470, 66.8406

Rectangle

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



186.2390, -56.3198, 4.1754



148.8160, 1.5697, -130.5116



188.4510, 32.8087, -23.1975



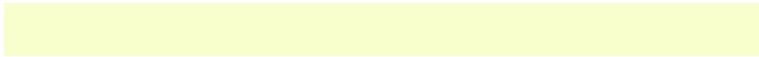
191.1820, 24.5603, 55.9684

Sweetspot

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



186.2390, -56.3198, 4.1754



247.3920, -21.3923, 1.4102



119.6970, -23.5146, 75.6877



123.2700, -12.9511, 0.6402



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.



186.2390, -56.3198, 4.1754



225.7360, -83.6798, 6.3705



166.8040, -46.7384, -35.7851



100.5610, -4.2206, 0.3850



141.3950, -69.7077, 4.9156



32.4720, -16.0087, 1.3401

Inverse Universe

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



91.7610, 56.3198, -4.1754



85.2640, 83.6798, -6.3705



111.1960, 46.7384, 35.7851



93.4390, 4.2206, -0.3850



24.6050, 69.7077, -4.9156



5.5280, 16.0087, -1.3401

Previews

White Background



This preview shows how the YUV color 186.2390, -56.3198, 4.1754 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 186.2390, -56.3198, 4.1754 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

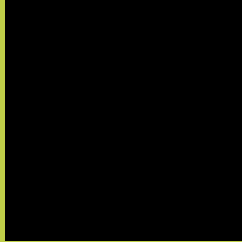
Any Text WCAG AA ✓ Pass

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 186.2390, -56.3198, 4.1754 Background



This preview shows how black text looks on a background with the YUV color 186.2390, -56.3198, 4.1754.



This preview shows how white text looks on a background with the YUV color 186.2390, -56.3198, 4.1754.

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

186.2390, -56.3198, 4.1754

Protanopia

189.2850, -59.3005, 26.9371

Deuteranopia

191.6170, -56.0132, 45.9399



Tritanopia

198.2980, 4.7831, 5.8777

Trichromacy



Original Color

186.2390, -56.3198, 4.1754

Protanomaly

187.8710, -58.1104, 18.5301

Deuteranomaly

189.8170, -56.1118, 30.8555

Tritanomaly

194.1520, -17.3299, 5.1287

Monochromacy



Original Color

186.2390, -56.3198, 4.1754

Achromatopsia

186.0000, 0.0000, 0.0000

Achromatomaly

186.0330, -20.2293, 1.7251

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.2390, -56.3198, 4.1754 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(191, 206, 72)` looks like.

```
.text, #text, p{  
    color:rgb(191, 206, 72)  
}
```

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(191, 206, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 206, 72) }
```

Border

The CSS property to change the border of an element to YUV 186.2390, -56.3198, 4.1754 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(191, 206, 72) }
```


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

```
.border{ border-color:rgb(191, 206, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 206, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 206, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 206, 72);  
box-shadow:4px 4px 4px 4px rgb(191, 206,  
72) }
```

Background

The CSS property to change the background color of an element to YUV 186.2390, -56.3198, 4.1754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 206, 72) }
```

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

```
.background{ background-color: rgb(191,  
206, 72) }
```

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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