

Converting Colors

YUV(171.8590, -56.6255,
8.8937)

Have a look what the booklet for
YUV(171.8590, -56.6255, 8.8937)
contains.

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Color

**YUV(171.8590, -56.6255,
8.8937)**

Conversions

Conversions Part 1

Format	Color
Hex	B6BD39
RGB	182, 189, 57
RGB Percent	71%, 74%, 22%
CMY	0.2863, 0.2588, 0.7765
CMYK	0.04, 0.00, 0.70, 0.26
HSL	63°, 54%, 48%
HSV	63°, 70%, 74%
XYZ	38.2275, 46.6357, 10.8577
YIQ	171.8590, 38.2000, -42.5360

Conversions

Conversions Part 2

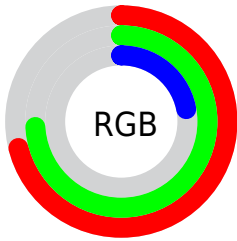
Format	Color
RYB	57, 189, 64
Decimal	11975993
CIELab	73.96, -18.67, 62.35
CIELCh	74, 65.086, 106.666
Yxy	46.6357, 0.3994, 0.4872
Android (android.graphics.Color)	4290166073 (0xFFB6BD39)
YUV	171.8590, -56.6255, 8.8937
Hunter-Lab	68.2903, -19.5874, 38.3765

Details

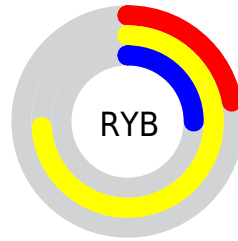
The YUV color **171.8590, -56.6255, 8.8937** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **74.1410, 56.6255, -8.8937**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.6420, -57.5045, 10.8380**, and **117.5060, -57.9305, 7.4492** is the 20% darker color. If you saturate the color by 10%, you get **169.3940, -64.7772, 10.1785**, and if you desaturate by 10%, it is **174.3240, -48.4737, 7.6089**.

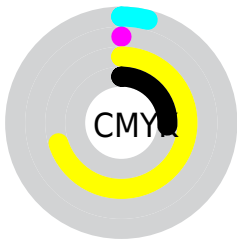
Distribution



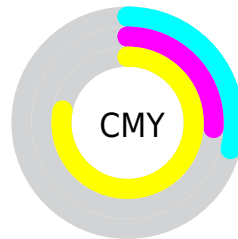
- Red (71%)
- Green (74%)
- Blue (22%)



- Red (22%)
- Yellow (74%)
- Blue (25%)



- Cyan (4%)
- Magenta (0%)
- Yellow (70%)
- Black (26%)



- Cyan (29%)
- Magenta (26%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.8590, -56.6255, 8.8937 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 171.8590, -56.6255, 8.8937 by changing the saturation by 10% instead.

■ 171.8590,
-56.6255, 8.8937

■ 171.8590,
-56.6255, 8.8937

255.0000, 0.0000,
0.0000

■ 143.9900,
-58.6621, 8.7788

■ 228.6420,
-57.5045, 10.8380

■ 117.5060,
-57.9305, 7.4492

■ 241.8900,
-50.2318, 11.4975

■ 94.4590, -46.5683,
3.1055

■ 244.9680,
-38.4382, 8.7981

■ 72.0100, -35.5009,
-0.0088

■ 248.2740,
-25.7711, 5.8987

■ 50.4360, -24.8649,
-4.7674

■ 251.5800,
-13.1039, 2.9993

■ 29.7480, -14.6658,
-9.4260

254.8860, -0.4368,

■ 12.9140, -6.3666,

0.1000

-11.3256

■ 0.0000, 0.0000,
0.0000

■ 171.8590,
-56.6255, 8.8937

■ 171.8590,
-56.6255, 8.8937

■ 169.3940,
-64.7772, 10.1785

■ 174.3240,
-48.4737, 7.6089

■ 166.9290,
-72.9290, 11.4633

■ 176.7890,
-40.3220, 6.3240

■ 164.4640,
-81.0808, 12.7481

■ 179.2540,
-32.1702, 5.0392

■ 181.7190,
-24.0185, 3.7544

■ 184.1840,
-15.8667, 2.4696

■ 186.5350, -8.1518,
1.2848

■ 189.0000, 0.0000,
0.0000

■ 191.4650, 8.1518,
-1.2848

■ 193.9300, 16.3035,
-2.5696

Harmonies

Analogous

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



176.4930, -57.9240, 52.1876



171.8590, -56.6255, 8.8937



163.1910, -33.6182, -44.0175

Triad

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



171.8590, -56.6255, 8.8937



150.5790, 51.4796, -132.0578



177.1960, 16.6654, 68.2341

Complementary

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



171.8590, -56.6255, 8.8937



74.1410, 56.6255, -8.8937

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.



186.1670, 33.9347, 35.8105



171.8590, -56.6255, 8.8937



144.1220, 54.6629, -126.3950

Square

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



171.8590, -56.6255, 8.8937



148.2530, 32.4133, -130.0179



173.0350, 40.4087, -34.2337



168.5950, -8.6743, 75.7772

Rectangle

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



171.8590, -56.6255, 8.8937



141.6400, -4.7525, -109.3093



173.0350, 40.4087, -34.2337



182.2970, 23.5176, 63.7605

Sweetspot

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



171.8590, -56.6255, 8.8937



238.1750, -22.2713, 3.3545



100.5770, -21.4835, 77.5470



118.2810, -12.9565, 2.3846



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



171.8590, -56.6255, 8.8937



218.2270, -88.3589, 13.8329



152.1250, -46.8966, -31.6816



92.9740, -3.9312, 0.8998



137.5960, -67.8348, 10.8783



26.8680, -13.2459, 1.8698

Inverse Universe

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



74.1410, 56.6255, -8.8937



65.7730, 88.3589, -13.8329



93.8750, 46.8966, 31.6816



86.0260, 3.9312, -0.8998



20.4040, 67.8348, -10.8783



4.1320, 13.2459, -1.8698

Previews

White Background



This preview shows how the YUV color 171.8590, -56.6255, 8.8937 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 171.8590, -56.6255, 8.8937 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 171.8590, -56.6255, 8.8937

Background



This preview shows how black text looks on a background with the YUV color 171.8590, -56.6255, 8.8937.



This preview shows how white text looks on a background with the YUV color 171.8590, -56.6255, 8.8937.

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

171.8590, -56.6255, 8.8937

Protanopia

174.1000, -58.7163, 26.2223

Deuteranopia

176.0190, -55.7184, 44.7103



Tritanopia

182.9780, 3.4618, 9.6663

Trichromacy



Original Color

171.8590, -56.6255, 8.8937

Protanomaly

173.5830, -57.9684, 19.6597

Deuteranomaly

174.5290, -55.9698, 31.9851

Tritanomaly

179.2450, -18.3618, 9.4321

Monochromacy



Original Color

171.8590, -56.6255, 8.8937

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

171.9300, -20.6715, 3.5694

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.8590, -56.6255, 8.8937 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(182, 189, 57)` looks like.

```
.text, #text, p{  
    color:rgb(182, 189, 57)  
}
```

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(182, 189, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 189, 57) }
```

Border

The CSS property to change the border of an element to YUV 171.8590, -56.6255, 8.8937 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(182, 189, 57) }
```


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

```
.border{ border-color:rgb(182, 189, 57) }
```

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

Here you see how a box with a 4 pixel rgb(182, 189, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 189, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 189, 57);  
box-shadow:4px 4px 4px 4px rgb(182, 189,  
57) }
```

Background

The CSS property to change the background color of an element to YUV 171.8590, -56.6255, 8.8937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 189, 57) }
```

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

```
.background{ background-color: rgb(182,  
189, 57) }
```

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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