

Converting Colors

YUV(165.2500, -56.3252,
5.9198)

Have a look what the booklet for
YUV(165.2500, -56.3252, 5.9198)
contains.

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Color

**YUV(165.2500, -56.3252,
5.9198)**

Conversions

Conversions Part 1

Format	Color
Hex	ACB833
RGB	172, 184, 51
RGB Percent	67%, 72%, 20%
CMY	0.3255, 0.2784, 0.8000
CMYK	0.07, 0.00, 0.72, 0.28
HSL	65°, 57%, 46%
HSV	65°, 72%, 72%
XYZ	34.7513, 43.2907, 9.6563
YIQ	165.2500, 35.5410, -43.9070

Conversions

Conversions Part 2

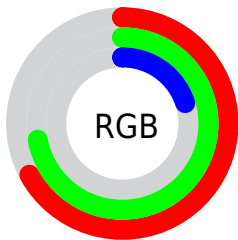
Format	Color
RYB	51, 184, 63
Decimal	11319347
CIELab	71.75, -20.71, 62.11
CIELCh	72, 65.468, 108.441
Yxy	43.2907, 0.3963, 0.4936
Android (android.graphics.Color)	4289509427 (0xFFACB833)
YUV	165.2500, -56.3252, 5.9198
Hunter-Lab	65.7956, -20.8640, 37.3554

Details

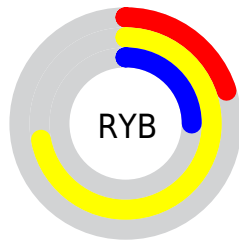
The YUV color **165.2500, -56.3252, 5.9198** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **69.7500, 56.3252, -5.9197**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.8480, -56.6201, 7.1493**, and **111.5810, -55.0094, 3.8755** is the 20% darker color. If you saturate the color by 10%, you get **162.6000, -63.8928, 6.4898**, and if you desaturate by 10%, it is **167.9000, -48.7577, 5.3497**.

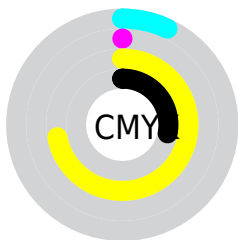
Distribution



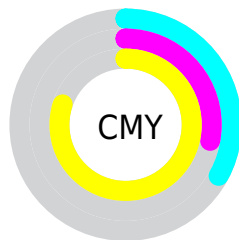
- Red (67%)
- Green (72%)
- Blue (20%)



- Red (20%)
- Yellow (72%)
- Blue (25%)



- Cyan (7%)
- Magenta (0%)
- Yellow (72%)
- Black (28%)



- Cyan (33%)
- Magenta (28%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.2500, -56.3252, 5.9198 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 165.2500, -56.3252, 5.9198 by changing the saturation by 10% instead.

■ 165.2500,
-56.3252, 5.9198

■ 165.2500,
-56.3252, 5.9198

■ 255.0000, 0.0000,
0.0000

■ 137.0390,
-59.6722, 6.1048

■ 221.8480,
-56.6201, 7.1493

■ 111.5810,
-55.0094, 3.8755

■ 241.2060,
-52.8526, 12.0973

■ 88.8330, -43.7947,
0.1465

■ 244.3980,
-40.6222, 9.2980

■ 66.9710, -33.0167,
-3.4826

■ 247.5900,
-28.3919, 6.4986

■ 45.3970, -22.3807,
-8.2412

■ 250.8960,
-15.7247, 3.5992

■ 24.4100, -12.0341,
-13.5146

■ 254.2020, -3.0576,

■ 7.0440, -3.4727,

0.6998

-6.1776

■ 0.0000, 0.0000,
0.0000

■ 165.2500,
-56.3252, 5.9198

■ 165.2500,
-56.3252, 5.9198

■ 162.6000,
-63.8928, 6.4898

■ 167.9000,
-48.7577, 5.3497

■ 160.1350,
-72.0446, 7.7746

■ 170.3650,
-40.6059, 4.0649

■ 157.9410,
-77.8649, 7.9447

■ 173.0150,
-33.0384, 3.4948

■ 175.7790,
-25.0340, 2.8248

■ 178.1300,
-17.3191, 1.6400

■ 180.7800, -9.7515,
1.0699

■ 183.5440, -1.7472,
0.3999

■ 185.8950, 5.9678,
-0.7849

■ 188.6590, 13.9721,
-1.4549

Harmonies

Analogous

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



170.4280, -59.3710, 49.6136



165.2500, -56.3252, 5.9198



156.3260, -31.7127, -48.5209

Triad

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



165.2500, -56.3252, 5.9198



147.0570, 53.2159, -128.9690



171.4740, 15.0493, 73.2523

Complementary

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



165.2500, -56.3252, 5.9198



69.7500, 56.3252, -5.9197

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.



180.8730, 36.5446, 38.6994



165.2500, -56.3252, 5.9198



140.0130, 56.6886, -122.7914

Square

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



165.2500, -56.3252, 5.9198



144.5030, 33.2760, -126.7291



168.3390, 42.7239, -30.1153



163.9330, -11.3060, 79.8658

Rectangle

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



165.2500, -56.3252, 5.9198



133.3940, -1.6732, -116.9865



168.3390, 42.7239, -30.1153



177.1620, 21.6121, 68.2639

Sweetspot

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



165.2500, -56.3252, 5.9198



232.4630, -22.4133, 2.2249



97.2240, -22.7884, 76.1026



115.5690, -13.0985, 1.2550



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



165.2500, -56.3252, 5.9198



210.4930, -88.4900, 9.2146



145.5160, -46.5964, -34.6555



90.6750, -3.7838, 0.2850



134.0300, -66.0768, 6.9897



24.2100, -11.9355, 1.5698

Inverse Universe

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



69.7500, 56.3252, -5.9197



60.5070, 88.4900, -9.2146



89.4840, 46.5964, 34.6555



84.0260, 3.9312, -0.8998



21.9700, 66.0768, -6.9897



4.0890, 11.7881, -0.9551

Previews

White Background



This preview shows how the YUV color 165.2500, -56.3252, 5.9198 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 165.2500, -56.3252, 5.9198 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 165.2500, -56.3252, 5.9198 Background



This preview shows how black text looks on a background with the YUV color 165.2500, -56.3252, 5.9198.



This preview shows how white text looks on a background with the YUV color 165.2500, -56.3252, 5.9198.

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

165.2500, -56.3252, 5.9198

Protanopia

167.8010, -58.5689, 25.6075

Deuteranopia

170.4210, -55.4236, 43.4808



Tritanopia

177.0700, 3.9095, 6.0776

Trichromacy



Original Color

165.2500, -56.3252, 5.9198

Protanomaly

166.9850, -57.6736, 18.4302

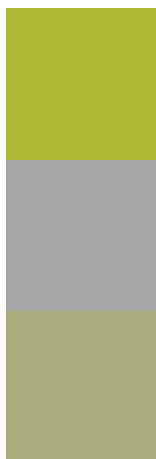
Deuteranomaly

168.5180, -55.9644, 30.2407

Tritanomaly

172.6360, -18.0615, 6.4582

Monochromacy



Original Color

165.2500, -56.3252, 5.9198

Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

165.3320, -20.3767, 2.3398

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.2500, -56.3252, 5.9198 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(172, 184, 51)` looks like.

```
.text, #text, p{  
    color:rgb(172, 184, 51)  
}
```

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(172, 184, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 184, 51) }
```

Border

The CSS property to change the border of an element to YUV 165.2500, -56.3252, 5.9198 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(172, 184, 51) }
```


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

```
.border{ border-color:rgb(172, 184, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 184, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 184, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 184, 51);  
box-shadow:4px 4px 4px 4px rgb(172, 184,  
51) }
```

Background

The CSS property to change the background color of an element to YUV 165.2500, -56.3252, 5.9198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 184, 51) }
```

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

```
.background{ background-color: rgb(172,  
184, 51) }
```

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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