

Converting Colors

YUV(168.3710, -56.3849,
25.1076)

Have a look what the booklet for
YUV(168.3710, -56.3849, 25.1076)
contains.

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Color

**YUV(168.3710, -56.3849,
25.1076)**

Conversions

Conversions Part 1

Format	Color
Hex	C5B036
RGB	197, 176, 54
RGB Percent	77%, 69%, 21%
CMY	0.2275, 0.3098, 0.7882
CMYK	0.00, 0.11, 0.73, 0.23
HSL	51°, 57%, 49%
HSV	51°, 73%, 77%
XYZ	39.2171, 43.1873, 9.7591
YIQ	168.3710, 51.6780, -33.4900

Conversions

Conversions Part 2

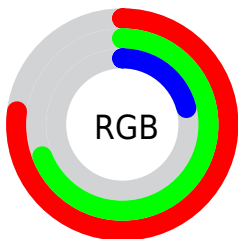
Format	Color
RYB	79, 197, 54
Decimal	12955702
CIELab	71.68, -5.71, 61.67
CIELCh	72, 61.934, 95.286
Yxy	43.1873, 0.4255, 0.4686
Android (android.graphics.Color)	4291145782 (0xFFC5B036)
YUV	168.3710, -56.3849, 25.1076
Hunter-Lab	65.7171, -8.4837, 37.1973

Details

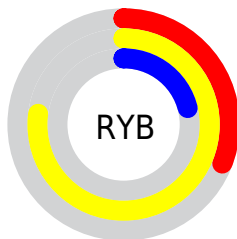
The YUV color **168.3710, -56.3849, 25.1076** is a dark color, and the websafe version is hex **999900**. The color can be described as middle muted orange. A complement of this color would be **82.6290, 56.3849, -25.1076**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.2680, -56.8271, 26.9520**, and **114.3490, -56.3741, 21.6189** is the 20% darker color. If you saturate the color by 10%, you get **164.3300, -64.2527, 28.6516**, and if you desaturate by 10%, it is **172.4120, -48.5171, 21.5637**.

Distribution



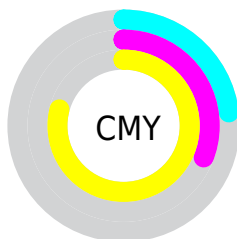
- Red (77%)
- Green (69%)
- Blue (21%)



- Red (31%)
- Yellow (77%)
- Blue (21%)



- Cyan (0%)
- Magenta (11%)
- Yellow (73%)
- Black (23%)



- Cyan (23%)
- Magenta (31%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.3710, -56.3849, 25.1076 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 168.3710, -56.3849, 25.1076 by changing the saturation by 10% instead.

■ 168.3710,
-56.3849, 25.1076

■ 168.3710,
-56.3849, 25.1076

■ 255.0000, 0.0000,
0.0000

■ 140.7900,
-58.5635, 23.8632

■ 224.2680,
-56.8271, 26.9520

■ 114.3490,
-56.3741, 21.6189

■ 241.4340,
-51.9790, 11.8974

■ 91.6010, -45.1593,
17.8899

■ 244.6260,
-39.7486, 9.0980

■ 70.0270, -34.5233,
13.1313

■ 247.8180,
-27.5183, 6.2986

■ 48.4530, -23.8873,
8.3727

■ 251.0100,
-15.2879, 3.4992

■ 28.6510, -14.1249,
3.8141

■ 254.4300, -2.1840,

■ 5.8700, -2.8939,

0.4999

-5.1480

■ 0.0000, 0.0000,
0.0000

■ 168.3710,
-56.3849, 25.1076

■ 168.3710,
-56.3849, 25.1076

■ 164.3300,
-64.2527, 28.6516

■ 172.4120,
-48.5171, 21.5637

■ 160.4030,
-71.6837, 32.0956

■ 176.3390,
-41.0861, 18.1197

■ 157.5190,
-77.6569, 34.6248

■ 180.3800,
-33.2183, 14.5757

■ 184.4210,
-25.3506, 11.0318

■ 187.8750,
-17.1934, 8.0026

■ 191.8020, -9.7624,
4.5586

■ 195.8430, -1.8946,
1.0147

■ 199.8840, 5.9732,
-2.5293

■ 203.8110, 13.4042,
-5.9732

Harmonies

Analogous

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



172.0350, -49.8103, 63.1133



168.3710, -56.3849, 25.1076



162.2710, -41.5456, -21.2857

Triad

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



168.3710, -56.3849, 25.1076



145.8200, 45.9377, -127.8841



179.5420, 21.9178, 63.5457

Complementary

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



168.3710, -56.3849, 25.1076



82.6290, 56.3849, -25.1076

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.



177.7510, 38.0838, 11.6194



168.3710, -56.3849, 25.1076



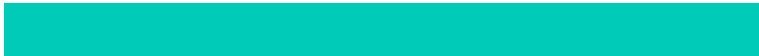
142.9480, 55.2416, -125.3654

Square

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



168.3710, -56.3849, 25.1076



140.1370, 21.6245, -122.9001



156.8670, 48.3796, -70.9204



168.1850, -0.0912, 76.1368

Rectangle

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



168.3710, -56.3849, 25.1076



153.6650, -22.5128, -59.3422



156.8670, 48.3796, -70.9204



180.8050, 29.6761, 48.4060

Sweetspot

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



168.3710, -56.3849, 25.1076



243.9200, -22.1456, 9.7172



99.1510, -11.9064, 85.8136



121.1890, -13.4042, 5.9732



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.



168.3710, -56.3849, 25.1076



210.3210, -87.4193, 39.1835



165.7480, -55.0918, -16.4420



97.3870, -3.6418, 1.4146



130.3300, -64.2527, 28.6516



28.3740, -13.9884, 6.6880

Inverse Universe

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



82.6290, 56.3849, -25.1076



77.6790, 87.4193, -39.1835



85.2520, 55.0918, 16.4420



91.6130, 3.6418, -1.4146



32.6700, 64.2527, -28.6516



7.0390, 14.2778, -6.1732

Previews

White Background



This preview shows how the YUV color 168.3710, -56.3849, 25.1076 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 168.3710, -56.3849, 25.1076 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 168.3710, -56.3849, 25.1076

Background



This preview shows how black text looks on a background with the YUV color 168.3710, -56.3849, 25.1076.



This preview shows how white text looks on a background with the YUV color 168.3710, -56.3849, 25.1076.

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

168.3710, -56.3849, 25.1076

Protanopia

168.3710, -56.3849, 25.1076

Deuteranopia

170.3070, -55.8604, 43.5808



Tritanopia

178.3390, -0.6601, 25.1357

Trichromacy



Original Color

168.3710, -56.3849, 25.1076

Protanomaly

168.3710, -56.3849, 25.1076

Deuteranomaly

169.5620, -55.9861, 37.2181

Tritanomaly

174.3610, -20.8840, 25.1164

Monochromacy



Original Color

168.3710, -56.3849, 25.1076

Achromatopsia

168.0000, 0.0000, 0.0000

Achromatomaly

168.3760, -20.3984, 9.3172

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.3710, -56.3849, 25.1076 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(197, 176, 54)` looks like.

```
.text, #text, p{  
    color:rgb(197, 176, 54)  
}
```

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(197, 176, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 176, 54) }
```

Border

The CSS property to change the border of an element to YUV 168.3710, -56.3849, 25.1076 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(197, 176, 54) }
```


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

```
.border{ border-color:rgb(197, 176, 54) }
```

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

Here you see how a box with a 4 pixel rgb(197, 176, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 176, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 176, 54);  
box-shadow:4px 4px 4px 4px rgb(197, 176,  
54) }
```

Background

The CSS property to change the background color of an element to YUV 168.3710, -56.3849, 25.1076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 176, 54) }
```

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

```
.background{ background-color: rgb(197,  
176, 54) }
```

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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