

Converting Colors

YUV(181.9600, -56.1823,
53.5321)

Have a look what the booklet for
YUV(181.9600, -56.1823, 53.5321)
contains.

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Color

**YUV(181.9600, -56.1823,
53.5321)**

Conversions

Conversions Part 1

Format	Color
Hex	F3AD44
RGB	243, 173, 68
RGB Percent	95%, 68%, 27%
CMY	0.0471, 0.3216, 0.7333
CMYK	0.00, 0.29, 0.72, 0.05
HSL	36°, 88%, 61%
HSV	36°, 72%, 95%
XYZ	52.9491, 49.3592, 12.2054
YIQ	181.9600, 75.4250, -17.8150

Conversions

Conversions Part 2

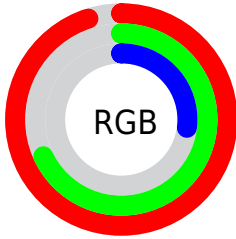
Format	Color
R _Y B	185, 243, 68
Decimal	15969604
CIE Lab	75.67, 16.26, 61.63
CIE LCh	76, 63.736, 75.216
Yxy	49.3592, 0.4624, 0.4310
Android (android.graphics.Color)	4294159684 (0xFFF3AD44)
YUV	181.9600, -56.1823, 53.5321
Hunter-Lab	70.2561, 11.5799, 38.8790

Details

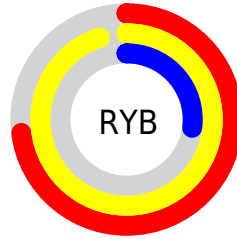
The YUV color **181.9600, -56.1823, 53.5321** is a light color, and the websafe version is hex **CC9933**. The color can be described as light washed orange. A complement of this color would be **129.0400, 56.1823, -53.5321**, and the grayscale version is **182.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.9890, -50.2806, 27.1966**, and **125.6730, -60.9708, 49.3988** is the 20% darker color. If you saturate the color by 10%, you get **173.3540, -63.7715, 61.0795**, and if you desaturate by 10%, it is **190.5660, -48.5930, 45.9846**.

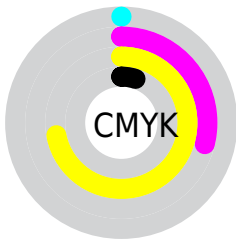
Distribution



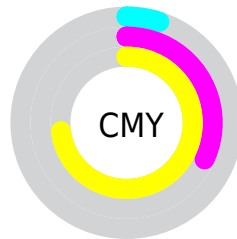
- Red (95%)
- Green (68%)
- Blue (27%)



- Red (73%)
- Yellow (95%)
- Blue (27%)



- Cyan (0%)
- Magenta (29%)
- Yellow (72%)
- Black (5%)



- Cyan (5%)
- Magenta (32%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 181.9600, -56.1823, 53.5321 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 181.9600, -56.1823, 53.5321 by changing the saturation by 10% instead.

181.9600,
-56.1823, 53.5321

181.9600,
-56.1823, 53.5321

255.0000, 0.0000,
0.0000

153.6500,
-56.0295, 51.1729

223.9890,
-50.2806, 27.1966

125.6730,
-60.9708, 49.3988

242.9160,
-46.3006, 10.5977

101.8000,
-50.1874, 44.0254

245.9940,
-34.5070, 7.8983

79.3400, -39.1146,
39.1668

249.3000,
-21.8399, 4.9989

57.7550, -28.4732,
32.6639

252.6060, -9.1728,
2.0995

36.4690, -17.9792,
26.7757

16.6670, -8.2168,

22.2170

■ 0.0000, 0.0000,
0.0000

■ 181.9600,
-56.1823, 53.5321

■ 181.9600,
-56.1823, 53.5321

■ 173.3540,
-63.7715, 61.0795

■ 190.5660,
-48.5930, 45.9846

■ 165.2210,
-72.0870, 68.2122

■ 198.6990,
-40.2776, 38.8520

■ 158.3590,
-78.0710, 74.2302

■ 207.3050,
-32.6884, 31.3045

■ 215.9110,
-25.0991, 23.7571

■ 224.5170,
-17.5099, 16.2096

■ 232.6500, -9.1944,
9.0770

■ 241.2560, -1.6052,
1.5295

■ 249.0640, 2.9264,
-5.3181

■ 251.4120, 1.7689,
-7.3773

Harmonies

Analogous

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



176.2650, -35.1336, 69.0506



181.9600, -56.1823, 53.5321



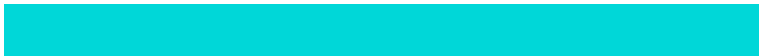
177.3970, -55.9047, 11.0528

Triad

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



181.9600, -56.1823, 53.5321



150.8290, 32.1293, -132.2770



189.9880, 32.0509, 33.3365

Complementary

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



181.9600, -56.1823, 53.5321



129.0400, 56.1823, -53.5321

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.



177.1550, 38.3776, -36.0929



181.9600, -56.1823, 53.5321



153.5140, 50.0326, -134.6318

Square

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



181.9600, -56.1823, 53.5321



142.5870, 5.6266, -125.0488



147.0570, 53.2159, -128.9690



182.1030, 17.6972, 63.9307

Rectangle

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



181.9600, -56.1823, 53.5321



172.5160, -43.1454, -21.5005



147.0570, 53.2159, -128.9690



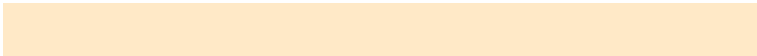
187.7960, 33.1316, 13.3339

Sweetspot

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



181.9600, -56.1823, 53.5321



235.7020, -18.0941, 16.9243



128.3050, 4.7796, 100.5875



115.9060, -10.7997, 10.6064



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.



181.9600, -56.1823, 53.5321



178.3780, -70.1924, 67.1975



217.6680, -73.7863, 6.4302



118.2840, -4.0840, 3.2589



121.3580, -59.8295, 56.6910



38.1860, -18.8257, 18.2539

Inverse Universe

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



129.0400, 56.1823, -53.5321



112.0350, 70.4817, -66.6827



93.0330, 73.9337, -7.0449



114.3030, 3.7946, -3.7737



64.6420, 59.8295, -56.6910



20.2270, 19.1151, -17.7391

Previews

White Background



This preview shows how the YUV color 181.9600, -56.1823, 53.5321 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 181.9600, -56.1823, 53.5321 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 181.9600, -56.1823, 53.5321 Background



This preview shows how black text looks on a background with the YUV color 181.9600, -56.1823, 53.5321.



This preview shows how white text looks on a background with the YUV color 181.9600, -56.1823, 53.5321.

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

181.9600, -56.1823, 53.5321

Protanopia

180.1690, -53.3273, 24.4078

Deuteranopia

181.2040, -56.3026, 45.4251



Tritanopia

189.6800, -7.7302, 52.9006

Trichromacy



Original Color

181.9600, -56.1823, 53.5321

Protanomaly

181.0070, -54.2335, 35.0739

Deuteranomaly

181.8130, -56.6028, 48.3990

Tritanomaly

186.6850, -25.4807, 52.8963

Monochromacy



Original Color

181.9600, -56.1823, 53.5321

Achromatopsia

182.0000, 0.0000, 0.0000

Achromatomaly

182.1430, -20.2835, 19.1686

CSS Examples

Text

The CSS property to change the color of the text to YUV 181.9600, -56.1823, 53.5321 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(243, 173, 68)` looks like.

```
.text, #text, p{  
    color:rgb(243, 173, 68)  
}
```

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(243, 173, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 173, 68) }
```

Border

The CSS property to change the border of an element to YUV 181.9600, -56.1823, 53.5321 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(243, 173, 68) }
```


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

```
.border{ border-color:rgb(243, 173, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 173, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 173, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 173, 68);  
box-shadow:4px 4px 4px 4px rgb(243, 173,  
68) }
```

Background

The CSS property to change the background color of an element to YUV 181.9600, -56.1823, 53.5321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 173, 68) }
```

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

```
.background{ background-color: rgb(243,  
173, 68) }
```

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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