

Converting Colors

YUV(181.1050, -49.3518,
56.0359)

Have a look what the booklet for
YUV(181.1050, -49.3518, 56.0359)
contains.

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Color

**YUV(181.1050, -49.3518,
56.0359)**

Conversions

Conversions Part 1

Format	Color
Hex	F5A851
RGB	245, 168, 81
RGB Percent	96%, 66%, 32%
CMY	0.0392, 0.3412, 0.6824
CMYK	0.00, 0.31, 0.67, 0.04
HSL	32°, 89%, 64%
HSV	32°, 67%, 96%
XYZ	53.1440, 48.0118, 14.2508
YIQ	181.1050, 73.8190, -10.7330

Conversions

Conversions Part 2

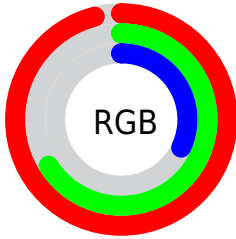
Format	Color
R _Y B	226, 245, 81
Decimal	16099409
CIE Lab	74.83, 20.40, 55.06
CIE LCh	75, 58.720, 69.674
Yxy	48.0118, 0.4605, 0.4160
Android (android.graphics.Color)	4294289489 (0xFFFF5A851)
YUV	181.1050, -49.3518, 56.0359
Hunter-Lab	69.2906, 15.6463, 36.3094

Details

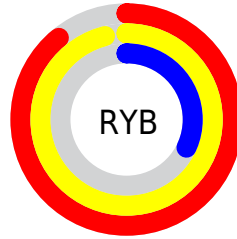
The YUV color **181.1050, -49.3518, 56.0359** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **144.8950, 49.3518, -56.0359**, and the grayscale version is **182.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.4220, -43.5920, 28.5709**, and **126.3000, -48.4619, 50.6029** is the 20% darker color. If you saturate the color by 10%, you get **171.3250, -56.3622, 64.6130**, and if you desaturate by 10%, it is **190.9990, -41.9045, 47.3589**.

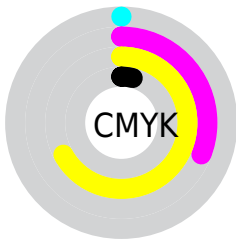
Distribution



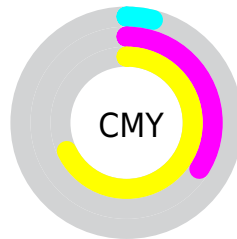
- Red (96%)
- Green (66%)
- Blue (32%)



- Red (89%)
- Yellow (96%)
- Blue (32%)



- Cyan (0%)
- Magenta (31%)
- Yellow (67%)
- Black (4%)



- Cyan (4%)
- Magenta (34%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 181.1050, -49.3518, 56.0359 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 181.1050, -49.3518, 56.0359 by changing the saturation by 10% instead.

181.1050,
-49.3518, 56.0359

181.1050,
-49.3518, 56.0359

255.0000, 0.0000,
0.0000

153.6100,
-48.6147, 52.9620

222.4220,
-43.5920, 28.5709

126.3000,
-48.4619, 50.6029

242.5230,
-40.1908, 10.9423

99.7620, -49.1827,
48.4437

247.3620,
-29.2655, 6.6985

77.0030, -37.9625,
42.9704

250.6680,
-16.5983, 3.7992

55.4180, -27.3211,
36.4674

253.9740, -3.9312,
0.8998

34.1320, -16.8271,
30.5792

13.7430, -6.7753,

26.5354

■ 0.0000, 0.0000,
0.0000

■ 181.1050,
-49.3518, 56.0359

■ 181.1050,
-49.3518, 56.0359

■ 171.3250,
-56.3622, 64.6130

■ 190.9990,
-41.9045, 47.3589

■ 162.0180,
-64.0989, 72.7752

■ 200.1920,
-34.6047, 39.2966

■ 152.2380,
-71.1093, 81.3523

■ 210.0860,
-27.1574, 30.6196

■ 149.5650,
-73.7355, 83.6965

■ 219.2790,
-19.8575, 22.5573

■ 229.0590,
-12.8471, 13.9803

■ 238.3660, -5.1104,
5.8180

■ 248.1460, 1.9000,
-2.7590

■ 252.0100, 1.4741,
-6.1478

Harmonies

Analogous

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



176.5730, -28.8765, 68.7805



181.1050, -49.3518, 56.0359



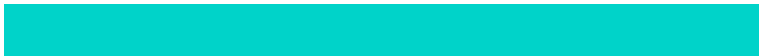
177.1790, -51.8532, 18.2600

Triad

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



181.1050, -49.3518, 56.0359



146.7710, 26.7349, -128.7182



187.8400, 33.1099, 20.3113

Complementary

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



181.1050, -49.3518, 56.0359



144.8950, 49.3518, -56.0359

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.



172.6590, 40.5941, -47.0589



181.1050, -49.3518, 56.0359



151.4110, 49.5904, -132.7874

Square

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



181.1050, -49.3518, 56.0359



153.2660, -4.0751, -93.1953



146.4700, 53.5053, -128.4542



185.6080, 18.4343, 60.8568

Rectangle

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



181.1050, -49.3518, 56.0359



173.4680, -43.6147, -10.9344



146.4700, 53.5053, -128.4542



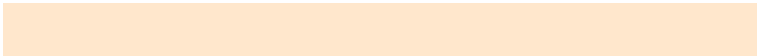
184.1750, 34.9167, 0.7235

Sweetspot

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



181.1050, -49.3518, 56.0359



235.0980, -15.3313, 17.4541



139.0420, 10.3323, 92.9252



115.6610, -9.1999, 10.8213



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.



181.1050, -49.3518, 56.0359



175.3920, -61.3253, 69.8162



225.4070, -71.1927, 14.5521



117.6970, -3.7946, 3.7737



113.7270, -56.0674, 63.3834



35.8380, -17.6681, 20.3131

Inverse Universe

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



144.8950, 49.3518, -56.0359



130.6080, 61.3253, -69.8162



100.5930, 71.1927, -14.5521



114.8900, 3.5052, -4.2885



72.2730, 56.0674, -63.3834



23.1620, 17.6681, -20.3131

Previews

White Background



This preview shows how the YUV color 181.1050, -49.3518, 56.0359 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 181.1050, -49.3518, 56.0359 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 181.1050, -49.3518, 56.0359

Background



This preview shows how black text looks on a background with the YUV color 181.1050, -49.3518, 56.0359.



This preview shows how white text looks on a background with the YUV color 181.1050, -49.3518, 56.0359.

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

181.1050, -49.3518, 56.0359

Protanopia

179.6940, -46.1911, 22.1934

Deuteranopia

180.7890, -50.1820, 42.2810



Tritanopia

187.1750, -8.4673, 55.9745

Trichromacy



Original Color

181.1050, -49.3518, 56.0359

Protanomaly

180.4290, -47.5395, 34.7038

Deuteranomaly

180.9360, -49.7614, 47.4141

Tritanomaly

185.2770, -23.3076, 55.8851

Monochromacy



Original Color

181.1050, -49.3518, 56.0359

Achromatopsia

181.0000, 0.0000, 0.0000

Achromatomaly

180.8380, -17.6681, 20.3131

CSS Examples

Text

The CSS property to change the color of the text to YUV 181.1050, -49.3518, 56.0359 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(245, 168, 81)` looks like.

```
.text, #text, p{  
    color:rgb(245, 168, 81)  
}
```

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(245, 168, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 168, 81) }
```

Border

The CSS property to change the border of an element to YUV 181.1050, -49.3518, 56.0359 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(245, 168, 81) }
```


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

```
.border{ border-color:rgb(245, 168, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 168, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 168, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 168, 81);  
box-shadow:4px 4px 4px 4px rgb(245, 168,  
81) }
```

Background

The CSS property to change the background color of an element to YUV 181.1050, -49.3518, 56.0359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 168, 81) }
```

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

```
.background{ background-color: rgb(245,  
168, 81) }
```

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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