

Converting Colors

YUV(109.4880, -17.4956,
-81.9890)

Have a look what the booklet for
YUV(109.4880, -17.4956, -81.9890)
contains.

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Color

**YUV(109.4880, -17.4956,
-81.9890)**

Conversions

Conversions Part 1

Format	Color
Hex	10A44A
RGB	16, 164, 74
RGB Percent	6%, 64%, 29%
CMY	0.9373, 0.3569, 0.7098
CMYK	0.90, 0.00, 0.55, 0.36
HSL	144°, 82%, 35%
HSV	144°, 90%, 64%
XYZ	14.7252, 27.1555, 10.9440
YIQ	109.4880, -59.3180, -59.3660

Conversions

Conversions Part 2

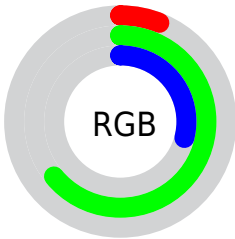
Format	Color
RYB	16, 122, 164
Decimal	1090634
CIELab	59.12, -55.24, 36.52
CIELCh	59, 66.226, 146.529
Yxy	27.1555, 0.2788, 0.5141
Android (android.graphics.Color)	4279280714 (0xFF10A44A)
YUV	109.4880, -17.4956, -81.9890
Hunter-Lab	52.1109, -40.7547, 24.0259

Details

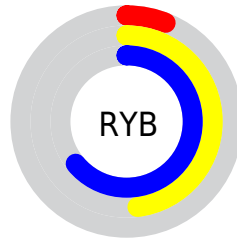
The YUV color **109.4880, -17.4956, -81.9890** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **70.5120, 17.4956, 81.9890**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.4960, -22.9225, -67.9640**, and **68.0070, -21.2025, -59.6421** is the 20% darker color. If you saturate the color by 10%, you get **103.5640, -19.5051, -90.8256**, and if you desaturate by 10%, it is **115.4120, -15.4861, -73.1523**.

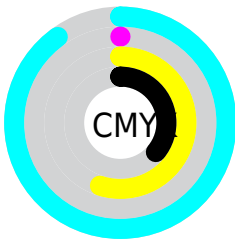
Distribution



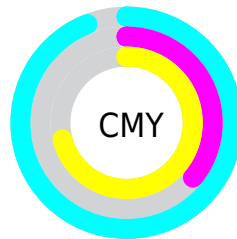
- Red (6%)
- Green (64%)
- Blue (29%)



- Red (6%)
- Yellow (48%)
- Blue (64%)



- Cyan (90%)
- Magenta (0%)
- Yellow (55%)
- Black (36%)



- Cyan (94%)
- Magenta (36%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.4880, -17.4956, -81.9890 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 109.4880, -17.4956, -81.9890 by changing the saturation by 10% instead.

■ 109.4880,
-17.4956, -81.9890

■ 109.4880,
-17.4956, -81.9890

■ 255.0000, 0.0000,
0.0000

■ 86.0050, -18.2435,
-75.4264

■ 171.4960,
-22.9225, -67.9640

■ 68.0070, -21.2025,
-59.6421

■ 200.4530,
-24.3803, -67.0493

■ 49.8950, -24.5982,
-43.7579

■ 216.1370,
-18.3085, -54.4941

■ 35.2200, -17.3635,
-30.8879

■ 227.8860,
-10.7898, -39.3650

■ 22.3060, -10.9969,
-19.5624

■ 240.1620, -2.5449,
-23.8211

■ 0.0000, 0.0000,
0.0000

■ 251.4120, 1.7689,

-7.3773

■ 109.4880,
-17.4956, -81.9890

■ 109.4880,
-17.4956, -81.9890

■ 103.5640,
-19.5051, -90.8256

■ 115.4120,
-15.4861, -73.1523

■ 121.6350,
-13.6241, -63.7009

■ 127.5590,
-11.6146, -54.8642

■ 133.7820, -9.7525,
-45.4128

■ 139.7060, -7.7431,
-36.5762

■ 145.6300, -5.7336,
-27.7395

■ 151.8530, -3.8715,
-18.2881

■ 157.7770, -1.8621,
-9.4514

■ 164.0000, 0.0000,
0.0000

Harmonies

Analogous

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



128.1020, -55.2663, -7.1055



109.4880, -17.4956, -81.9890



114.3650, 9.1871, -100.2981

Triad

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



109.4880, -17.4956, -81.9890



117.7070, 67.6854, -103.2290



135.6160, -20.5167, 94.1758

Complementary

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



109.4880, -17.4956, -81.9890



70.5120, 17.4956, 81.9890

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.



138.1080, 6.8488, 90.2363



109.4880, -17.4956, -81.9890



142.4410, 51.5476, -13.5418

Square

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



109.4880, -17.4956, -81.9890



123.5140, 56.9346, -108.3218



144.7670, 30.6809, 52.8243



137.1870, -46.9272, 71.7500

Rectangle

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



109.4880, -17.4956, -81.9890



119.0390, 27.0958, -104.3972



144.7670, 30.6809, 52.8243



135.7440, -11.2128, 96.6945

Sweetspot

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



109.4880, -17.4956, -81.9890



192.6680, -6.7383, -32.1578



130.0850, -56.2439, -20.2455



94.4400, -4.1609, -18.8029



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



109.4880, -17.4956, -81.9890



135.1940, -25.2386, -118.5651



117.8100, 14.3907, -89.2874



78.7390, -0.8573, -5.0331



91.6130, -17.0642, -80.3446



11.3640, -2.1515, -9.9662

Inverse Universe

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



70.5120, 17.4956, 81.9890



78.8060, 25.2386, 118.5651



62.1900, -14.3907, 89.2874



76.2610, 0.8573, 5.0331



53.3870, 17.0642, 80.3446



6.6360, 2.1515, 9.9662

Previews

White Background



This preview shows how the YUV color 109.4880, -17.4956, -81.9890 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 109.4880, -17.4956, -81.9890 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 109.4880, -17.4956, -81.9890 Background



This preview shows how black text looks on a background with the YUV color 109.4880, -17.4956, -81.9890.



This preview shows how white text looks on a background with the YUV color 109.4880, -17.4956, -81.9890.

-81.9890.

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

109.4880, -17.4956, -81.9890

Protanopia

137.3480, -34.6816, 17.2348

Deuteranopia

140.0210, -28.6044, 28.0456



Tritanopia

128.8710, 18.7976, -56.0149

Trichromacy



Original Color

109.4880, -17.4956, -81.9890



Protanomaly

127.1370, -28.1685, -18.5371



Deuteranomaly

129.0930, -24.6958, -12.3596



Tritanomaly

121.9610, 5.4422, -65.7408

Monochromacy



Original Color

109.4880, -17.4956, -81.9890



Achromatopsia

109.0000, 0.0000, 0.0000



Achromatomaly

109.0920, -6.4544, -29.8987

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.4880, -17.4956, -81.9890 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(16, 164, 74)` looks like.

```
.text, #text, p{  
    color:rgb(16, 164, 74)  
}
```

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(16, 164, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 164, 74) }
```

Border

The CSS property to change the border of an element to YUV 109.4880, -17.4956, -81.9890 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(16, 164, 74) }
```


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

```
.border{ border-color:rgb(16, 164, 74) }
```

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

Here you see how a box with a 4 pixel rgb(16, 164, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 164, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 164, 74);  
box-shadow:4px 4px 4px 4px rgb(16, 164,  
74) }
```

Background

The CSS property to change the background color of an element to YUV 109.4880, -17.4956, -81.9890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 164, 74) }
```

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

```
.background{ background-color: rgb(16, 164,  
74) }
```

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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