

Converting Colors

YUV(128.3470, -10.0311,
-49.4163)

Have a look what the booklet for
YUV(128.3470, -10.0311, -49.4163)
contains.

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Color

**YUV(128.3470, -10.0311,
-49.4163)**

Conversions

Conversions Part 1

Format	Color
Hex	48A16C
RGB	72, 161, 108
RGB Percent	28%, 63%, 42%
CMY	0.7176, 0.3686, 0.5765
CMYK	0.55, 0.00, 0.33, 0.37
HSL	144°, 38%, 46%
HSV	144°, 55%, 63%
XYZ	18.1241, 27.9502, 18.6270
YIQ	128.3470, -36.0310, -35.3510

Conversions

Conversions Part 2

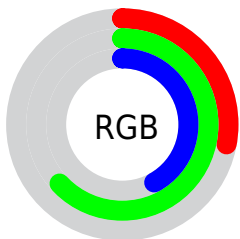
Format	Color
RYB	72, 135, 161
Decimal	4759916
CIELab	59.84, -39.12, 19.74
CIElCh	60, 43.820, 153.227
Yxy	27.9502, 0.2801, 0.4320
Android (android.graphics.Color)	4282949996 (0xFF48A16C)
YUV	128.3470, -10.0311, -49.4163
Hunter-Lab	52.8679, -31.3256, 16.1178

Details

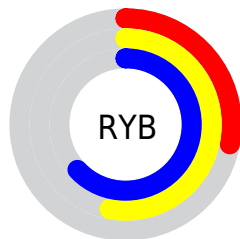
The YUV color **128.3470, -10.0311, -49.4163** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **104.6530, 10.0311, 49.4163**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.0050, -11.3415, -49.1164**, and **70.8230, -5.3357, -62.1118** is the 20% darker color. If you saturate the color by 10%, you get **122.4230, -12.0405, -58.2530**, and if you desaturate by 10%, it is **134.2710, -8.0216, -40.5797**.

Distribution



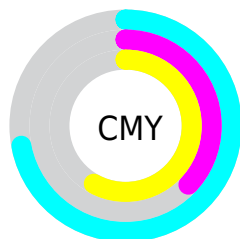
- Red (28%)
- Green (63%)
- Blue (42%)



- Red (28%)
- Yellow (53%)
- Blue (63%)



- Cyan (55%)
- Magenta (0%)
- Yellow (33%)
- Black (37%)



- Cyan (72%)
- Magenta (37%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.3470, -10.0311, -49.4163 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 128.3470, -10.0311, -49.4163 by changing the saturation by 10% instead.

■ 128.3470,
-10.0311, -49.4163

■ 128.3470,
-10.0311, -49.4163

■ 255.0000, 0.0000,
0.0000

■ 100.9770, -8.8627,
-50.8458

■ 183.0050,
-11.3415, -49.1164

■ 70.8230, -5.3357,
-62.1118

■ 211.4780,
-12.0677, -49.5312

■ 53.6400, -7.7105,
-47.0423

■ 228.9120, -6.8586,
-40.2648

■ 36.4570, -10.0853,
-31.9728

■ 240.7750, 1.0969,
-25.2357

■ 22.8930, -11.2862,
-20.0772

■ 250.8140, 2.0637,
-8.6069

■ 0.0000, 0.0000,
0.0000

■ 128.3470,
-10.0311, -49.4163

■ 128.3470,
-10.0311, -49.4163

■ 122.4230,
-12.0405, -58.2530

■ 134.2710, -8.0216,
-40.5797

■ 116.6130,
-13.6132, -67.1896

■ 140.0810, -6.4489,
-31.6430

■ 110.6890,
-15.6227, -76.0263

■ 146.0050, -4.4395,
-22.8064

■ 104.8790,
-17.1953, -84.9629

■ 151.8150, -2.8668,
-13.8698

■ 101.9170,
-18.2001, -89.3812

■ 158.0380, -1.0047,
-4.4183

■ 163.9620, 1.0047,
4.4183

■ 169.7720, 2.5774,
13.3550

■ 175.6960, 4.5869,

22.1916

■ 181.5060, 6.1595,
31.1282

Harmonies

Analogous

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



135.9530, -29.0638, -11.3598



128.3470, -10.0311, -49.4163



113.0260, 16.7492, -99.1238

Triad

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



128.3470, -10.0311, -49.4163



136.8980, 41.4623, -45.5145



144.5210, -19.9769, 60.9331

Complementary

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



128.3470, -10.0311, -49.4163



104.6530, 10.0311, 49.4163

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.



146.1030, -2.5158, 60.4227



128.3470, -10.0311, -49.4163



147.0570, 30.5379, 5.2120

Square

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



128.3470, -10.0311, -49.4163



116.3270, 47.1668, -102.0188



148.0910, 15.7311, 41.1392



143.2790, -33.1685, 45.3593

Rectangle

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



128.3470, -10.0311, -49.4163



115.9900, 28.1059, -101.7232



148.0910, 15.7311, 41.1392



145.0250, -14.3093, 63.1221

Sweetspot

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



128.3470, -10.0311, -49.4163



196.1410, -4.0135, -19.4177



140.0900, -33.5684, -13.2339



97.2390, -2.5828, -11.6106



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



128.3470, -10.0311, -49.4163



158.3900, -15.4753, -76.6410



133.3630, 9.1880, -53.8154



78.7390, -0.8573, -5.0331



91.8410, -16.1906, -80.5446



11.3640, -2.1515, -9.9662

Inverse Universe

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



104.6530, 10.0311, 49.4163



121.6100, 15.4753, 76.6410



99.6370, -9.1880, 53.8154



76.2610, 0.8573, 5.0331



53.2730, 16.6274, 80.4446



6.6360, 2.1515, 9.9662

Previews

White Background



This preview shows how the YUV color 128.3470, -10.0311, -49.4163 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 128.3470, -10.0311, -49.4163 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 128.3470, -10.0311, -49.4163 Background



This preview shows how black text looks on a background with the YUV color 128.3470, -10.0311, -49.4163.



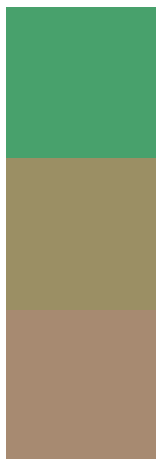
This preview shows how white text looks on a background with the YUV color 128.3470, -10.0311, -49.4163.

-49.4163.

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

128.3470, -10.0311, -49.4163

Protanopia

141.6860, -20.5512, 11.6764

Deuteranopia

143.8210, -15.1948, 20.3280



Tritanopia

135.6340, 14.9704, -41.7750

Trichromacy



Original Color

128.3470, -10.0311, -49.4163

Protanomaly

137.1670, -16.8443, -10.6705

Deuteranomaly

137.8240, -13.2242, -5.1076

Tritanomaly

133.2070, 5.8139, -44.9085

Monochromacy



Original Color

128.3470, -10.0311, -49.4163

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

128.2660, -3.5821, -17.7733

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.3470, -10.0311, -49.4163 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(72, 161, 108)` looks like.

```
.text, #text, p{  
    color:rgb(72, 161, 108)  
}
```

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(72, 161, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 161, 108) }
```

Border

The CSS property to change the border of an element to YUV 128.3470, -10.0311, -49.4163 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(72, 161, 108) }
```


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

```
.border{ border-color:rgb(72, 161, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 161, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 161, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 161, 108);  
box-shadow:4px 4px 4px 4px rgb(72, 161,  
108) }
```

Background

The CSS property to change the background color of an element to YUV 128.3470, -10.0311, -49.4163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 161, 108) }
```

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

```
.background{ background-color: rgb(72, 161,  
108) }
```

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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