

Converting Colors

YUV(128.9480, -4.9044,
-60.4674)

Have a look what the booklet for
YUV(128.9480, -4.9044, -60.4674)
contains.

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Color

**YUV(128.9480, -4.9044,
-60.4674)**

Conversions

Conversions Part 1

Format	Color
Hex	3CA677
RGB	60, 166, 119
RGB Percent	24%, 65%, 47%
CMY	0.7647, 0.3490, 0.5333
CMYK	0.64, 0.00, 0.28, 0.35
HSL	153°, 47%, 44%
HSV	153°, 64%, 65%
XYZ	18.8295, 29.5650, 22.1670
YIQ	128.9480, -48.0890, -37.0890

Conversions

Conversions Part 2

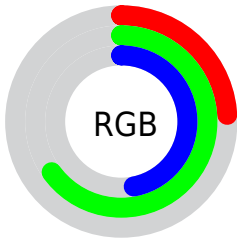
Format	Color
RYB	60, 128, 166
Decimal	3974775
CIELab	61.28, -41.61, 15.58
CIELCh	61, 44.436, 159.474
Yxy	29.5650, 0.2669, 0.4190
Android (android.graphics.Color)	4282164855 (0xFF3CA677)
YUV	128.9480, -4.9044, -60.4674
Hunter-Lab	54.3737, -33.3399, 13.8904

Details

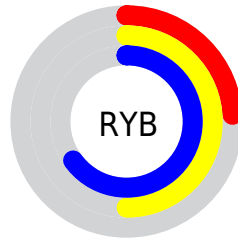
The YUV color **128.9480, -4.9044, -60.4674** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **97.0520, 4.9044, 60.4674**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.0900, -6.9464, -58.8379**, and **74.3110, -2.1253, -65.1707** is the 20% darker color. If you saturate the color by 10%, you get **123.0670, -5.4560, -70.2188**, and if you desaturate by 10%, it is **134.8290, -4.3527, -50.7160**.

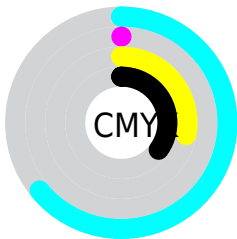
Distribution



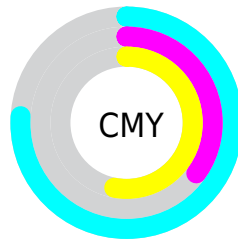
- Red (24%)
- Green (65%)
- Blue (47%)



- Red (24%)
- Yellow (50%)
- Blue (65%)



- Cyan (64%)
- Magenta (0%)
- Yellow (28%)
- Black (35%)




- Cyan (76%)
- Magenta (35%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the YUV color 128.9480, -4.9044, -60.4674 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 128.9480, -4.9044, -60.4674 by changing the saturation by 10% instead.


 128.9480, -4.9044,
-60.4674

 128.9480, -4.9044,
-60.4674


255.0000, 0.0000,
0.0000

 99.4850, -2.7041,
-66.2003


 185.0900, -6.9464,
-58.8379


 74.3110, -2.1253,
-65.1707


 213.9760, -7.3832,
-58.7380


 57.1280, -4.5001,
-50.1013


 227.8880, -0.4378,
-46.3828

 39.9450, -6.8749,
-35.0318

 239.7510, 7.5178,
-31.3536

 24.7680, -11.7176,
-21.7215

 248.7210, 3.0955,
-12.9103

 5.2830, -2.6045,
-4.6332

 0.0000, 0.0000,

0.0000

■ 128.9480, -4.9044,
-60.4674

■ 128.9480, -4.9044,
-60.4674

■ 123.0670, -5.4560,
-70.2188

■ 134.8290, -4.3527,
-50.7160

■ 117.3710, -6.5919,
-79.2554

■ 140.5250, -3.2168,
-41.6794

■ 111.4900, -7.1436,
-89.0067

■ 146.4060, -2.6652,
-31.9281

■ 107.9300, -7.8535,
-94.6546

■ 151.9880, -1.9661,
-22.7915

■ 157.9830, -0.9776,
-13.1401

■ 163.8640, -0.4260,
-3.3887

■ 169.5600, 0.7099,
5.6479

■ 175.4410, 1.2616,
15.3992

■ 181.0230, 1.9607,
24.5358

Harmonies

Analogous

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



138.5930, -26.4213, -18.9371



128.9480, -4.9044, -60.4674



116.8560, 21.2700, -102.4827

Triad

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



128.9480, -4.9044, -60.4674



143.9210, 39.9719, -34.1337



147.5980, -23.4658, 59.9886

Complementary

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



128.9480, -4.9044, -60.4674



97.0520, 4.9044, 60.4674

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.



149.5010, -6.1630, 63.5816



128.9480, -4.9044, -60.4674



151.8300, 28.1848, 13.3041

Square

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



128.9480, -4.9044, -60.4674



118.5270, 50.5192, -103.9482



151.5110, 12.0731, 47.7869



146.2740, -35.6311, 41.8557

Rectangle

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



128.9480, -4.9044, -60.4674



119.1190, 32.4793, -104.4674



151.5110, 12.0731, 47.7869



148.2870, -18.3825, 62.8923

Sweetspot

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



128.9480, -4.9044, -60.4674



202.5750, -2.2555, -23.3063



136.5740, -37.7510, -25.0594



100.8580, -1.4090, -14.7845



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



128.9480, -4.9044, -60.4674



158.6310, -7.7061, -95.2694



131.3710, 17.0721, -62.5924



81.1520, -0.5679, -4.5183



96.2240, -7.0124, -84.3884



12.9940, -0.9830, -11.3957

Inverse Universe

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



97.0520, 4.9044, 60.4674



108.3690, 7.7061, 95.2694



94.6290, -17.0721, 62.5924



78.7340, 0.1311, 4.6183



51.7760, 7.0124, 84.3884



7.0060, 0.9830, 11.3957

Previews

White Background



This preview shows how the YUV color 128.9480, -4.9044, -60.4674 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 128.9480, -4.9044, -60.4674 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

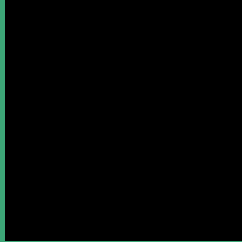
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 128.9480, -4.9044, -60.4674

Background



This preview shows how black text looks on a background with the YUV color 128.9480, -4.9044, -60.4674.



This preview shows how white text looks on a background with the YUV color 128.9480, -4.9044, -60.4674.

-60.4674.

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

128.9480, -4.9044, -60.4674

Protanopia

145.7720, -17.6356, 9.8470

Deuteranopia

147.4340, -11.5530, 18.9134



Tritanopia

136.5620, 17.4709, -50.4819

Trichromacy



Original Color

128.9480, -4.9044, -60.4674

Protanomaly

139.7580, -13.1917, -15.5738

Deuteranomaly

140.5290, -9.1348, -10.1109

Tritanomaly

134.0640, 9.3354, -54.4301

Monochromacy



Original Color

128.9480, -4.9044, -60.4674

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

128.7000, -1.8241, -21.6619

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.9480, -4.9044, -60.4674 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(60, 166, 119)` looks like.

```
.text, #text, p{  
    color:rgb(60, 166, 119)  
}
```

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(60, 166, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 166, 119) }
```

Border

The CSS property to change the border of an element to YUV 128.9480, -4.9044, -60.4674 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(60, 166, 119) }
```


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

```
.border{ border-color:rgb(60, 166, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 166, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 166, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 166, 119);  
box-shadow:4px 4px 4px 4px rgb(60, 166,  
119) }
```

Background

The CSS property to change the background color of an element to YUV 128.9480, -4.9044, -60.4674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 166, 119) }
```

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

```
.background{ background-color: rgb(60, 166,  
119) }
```

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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