

Converting Colors

YUV(107.3880, -15.4743,
-30.1583)

Have a look what the booklet for
YUV(107.3880, -15.4743, -30.1583)
contains.

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Color

**YUV(107.3880, -15.4743,
-30.1583)**

Conversions

Conversions Part 1

Format	Color
Hex	49834C
RGB	73, 131, 76
RGB Percent	29%, 51%, 30%
CMY	0.7137, 0.4863, 0.7020
CMYK	0.44, 0.00, 0.42, 0.49
HSL	123°, 28%, 40%
HSV	123°, 44%, 51%
XYZ	12.1685, 18.1709, 9.7035
YIQ	107.3880, -16.9130, -29.4010

Conversions

Conversions Part 2

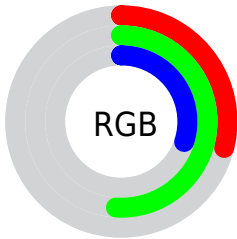
Format	Color
RYB	73, 128, 131
Decimal	4817740
CIELab	49.70, -31.20, 23.95
CIElCh	50, 39.330, 142.494
Yxy	18.1709, 0.3039, 0.4538
Android (android.graphics.Color)	4283007820 (0xFF49834C)
YUV	107.3880, -15.4743, -30.1583
Hunter-Lab	42.6273, -23.6429, 16.3426

Details

The YUV color **107.3880, -15.4743, -30.1583** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **96.6120, 15.4743, 30.1583**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.7470, -16.6373, -30.4731**, and **56.9470, -13.2849, -32.4025** is the 20% darker color. If you saturate the color by 10%, you get **102.1330, -18.7996, -36.9506**, and if you desaturate by 10%, it is **112.6430, -12.1490, -23.3659**.

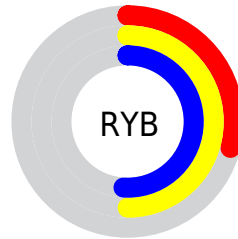
Distribution



Red (29%)

Green (51%)

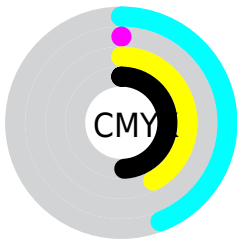
Blue (30%)



Red (29%)

Yellow (50%)

Blue (51%)

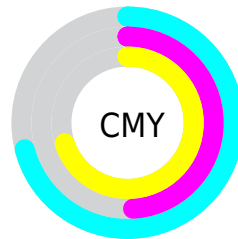


Cyan (44%)

Magenta (0%)

Yellow (42%)

Black (49%)



Cyan (71%)

Magenta (49%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.3880, -15.4743, -30.1583 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 107.3880, -15.4743, -30.1583 by changing the saturation by 10% instead.

■ 107.3880,
-15.4743, -30.1583

■ 107.3880,
-15.4743, -30.1583

■ 255.0000, 0.0000,
0.0000

■ 81.7300, -14.1639,
-30.4582

■ 159.7470,
-16.6373, -30.4731

■ 56.9470, -13.2849,
-32.4025

■ 187.2200,
-17.3635, -30.8879

■ 34.2570, -13.4377,
-30.0434

■ 215.3940,
-17.9422, -31.9175

■ 21.1320, -10.4181,
-18.5328

■ 235.0620,
-14.3276, -24.6104

■ 0.0000, 0.0000,
0.0000

■ 247.0390, -5.9352,
-9.6812

■ 107.3880,
-15.4743, -30.1583

■ 107.3880,
-15.4743, -30.1583

■ 102.1330,
-18.7996, -36.9506

■ 112.6430,
-12.1490, -23.3659

■ 96.7640, -22.5617,
-43.6430

■ 118.0120, -8.3869,
-16.6735

■ 91.5090, -25.8869,
-50.4354

■ 123.2670, -5.0616,
-9.8812

■ 86.1400, -29.6490,
-57.1278

■ 128.6360, -1.2995,
-3.1888

■ 80.8850, -32.9743,
-63.9201

■ 134.1900, 1.8783,
4.2184

■ 77.6950, -34.8526,
-68.1385

■ 139.5590, 5.6404,
10.9108

■ 144.8140, 8.9657,
17.7031

■ 150.0690, 12.2910,

24.4955

■ 155.4380, 16.0531,
31.1879

Harmonies

Analogous

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



112.7310, -28.9544, 0.2359



107.3880, -15.4743, -30.1583



91.5570, 8.1064, -80.2955

Triad

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



107.3880, -15.4743, -30.1583



101.8370, 40.5064, -65.6320



118.8390, -12.2456, 54.5152

Complementary

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



107.3880, -15.4743, -30.1583



96.6120, 15.4743, 30.1583

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.



120.6330, 3.6319, 48.5569



107.3880, -15.4743, -30.1583



118.8440, 30.1499, -10.3872

Square

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



107.3880, -15.4743, -30.1583



96.8640, 36.0560, -84.9497



121.9750, 18.2533, 25.4549



117.3420, -25.3116, 45.3041

Rectangle

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



107.3880, -15.4743, -30.1583



94.2930, 18.5896, -82.6950



121.9750, 18.2533, 25.4549



118.9190, -6.8621, 54.4450

Sweetspot

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



107.3880, -15.4743, -30.1583



162.0280, -5.9298, -11.4256



123.4910, -24.8921, 3.9544



81.3320, -3.6147, -7.3072



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



107.3880, -15.4743, -30.1583



133.9870, -24.1506, -47.3466



110.6940, -2.8071, -33.0576



63.5220, -1.7363, -3.0888



77.1080, -34.5632, -67.6237



1.7610, -0.8682, -1.5444

Inverse Universe

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



96.6120, 15.4743, 30.1583



117.0130, 24.1506, 47.3466



93.3060, 2.8071, 33.0576



62.4780, 1.7363, 3.0888



52.8920, 34.5632, 67.6237



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 107.3880, -15.4743, -30.1583 looks on a white 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

Black Background



This preview shows how the YUV color 107.3880, -15.4743, -30.1583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

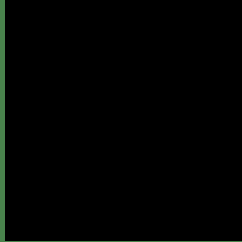
Any Text WCAG AA ✓ Pass

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 107.3880, -15.4743, -30.1583 Background



This preview shows how black text looks on a background with the YUV color 107.3880, -15.4743, -30.1583.



This preview shows how white text looks on a background with the YUV color 107.3880, -15.4743, -30.1583.

-30.1583.

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

107.3880, -15.4743, -30.1583

Protanopia

115.9310, -22.1510, 11.4615

Deuteranopia

117.6100, -18.5417, 20.5130



Tritanopia

113.4790, 10.1169, -24.9761

Trichromacy



Original Color

107.3880, -15.4743, -30.1583

Protanomaly

113.1140, -19.7762, -3.6080

Deuteranomaly

114.1300, -17.3191, 1.6400

Tritanomaly

111.6500, 0.6656, -26.8800

Monochromacy



Original Color

107.3880, -15.4743, -30.1583

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

107.4410, -5.6404, -10.9108

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.3880, -15.4743, -30.1583 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(73, 131, 76)` looks like.

```
.text, #text, p{  
    color:rgb(73, 131, 76)  
}
```

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(73, 131, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 131, 76) }
```

Border

The CSS property to change the border of an element to YUV 107.3880, -15.4743, -30.1583 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(73, 131, 76) }
```


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

```
.border{ border-color:rgb(73, 131, 76) }
```

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

Here you see how a box with a 4 pixel rgb(73, 131, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 131, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 131, 76);  
box-shadow:4px 4px 4px 4px rgb(73, 131,  
76) }
```

Background

The CSS property to change the background color of an element to YUV 107.3880, -15.4743, -30.1583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 131, 76) }
```

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

```
.background{ background-color: rgb(73, 131,  
76) }
```

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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