

Converting Colors

YUV(128.3380, -16.4356,
-48.5314)

Have a look what the booklet for
YUV(128.3380, -16.4356, -48.5314)
contains.

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Color

**YUV(128.3380, -16.4356,
-48.5314)**

Conversions

Conversions Part 1

Format	Color
Hex	49A35F
RGB	73, 163, 95
RGB Percent	29%, 64%, 37%
CMY	0.7137, 0.3608, 0.6275
CMYK	0.55, 0.00, 0.42, 0.36
HSL	135°, 38%, 46%
HSV	135°, 55%, 64%
XYZ	17.9104, 28.4371, 15.3714
YIQ	128.3380, -31.8120, -40.2280

Conversions

Conversions Part 2

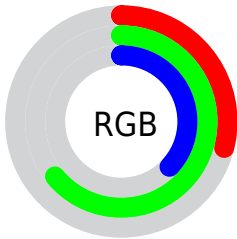
Format	Color
RYB	73, 145, 163
Decimal	4825951
CIELab	60.28, -42.15, 27.38
CIELCh	60, 50.259, 146.989
Yxy	28.4371, 0.2902, 0.4608
Android (android.graphics.Color)	4283016031 (0xFF49A35F)
YUV	128.3380, -16.4356, -48.5314
Hunter-Lab	53.3264, -33.3696, 20.2381

Details

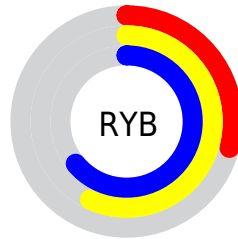
The YUV color **128.3380, -16.4356, -48.5314** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **107.6620, 16.4356, 48.5314**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.4690, -18.4722, -48.6463**, and **69.9280, -11.3035, -61.3269** is the 20% darker color. If you saturate the color by 10%, you get **122.1860, -19.3187, -57.1681**, and if you desaturate by 10%, it is **134.4900, -13.5526, -39.8947**.

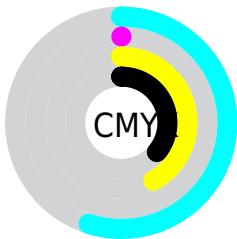
Distribution



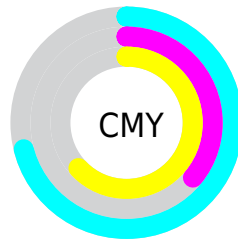
- Red (29%)
- Green (64%)
- Blue (37%)



- Red (29%)
- Yellow (57%)
- Blue (64%)



- Cyan (55%)
- Magenta (0%)
- Yellow (42%)
- Black (36%)



- Cyan (71%)
- Magenta (36%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.3380, -16.4356, -48.5314 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 128.3380, -16.4356, -48.5314 by changing the saturation by 10% instead.

■ 128.3380,
-16.4356, -48.5314

■ 128.3380,
-16.4356, -48.5314

■ 255.0000, 0.0000,
0.0000

■ 101.0820,
-14.8304, -50.0609

■ 183.4690,
-18.4722, -48.6463

■ 69.9280, -11.3035,
-61.3269

■ 211.3550,
-18.9090, -48.5463

■ 52.6310, -14.1151,
-46.1574

■ 227.9140,
-13.2686, -37.6356

■ 35.8070, -17.6529,
-31.4027

■ 239.7770, -5.3131,
-22.6064

■ 23.4800, -11.5756,
-20.5920

■ 251.4120, 1.7689,
-7.3773

■ 1.1740, -0.5788,
-1.0296

■ 0.0000, 0.0000,

0.0000

■ 128.3380,
-16.4356, -48.5314

■ 128.3380,
-16.4356, -48.5314

■ 122.1860,
-19.3187, -57.1681

■ 134.4900,
-13.5526, -39.8947

■ 115.6210,
-22.4912, -66.3196

■ 141.0550,
-10.3801, -30.7432

■ 109.4690,
-25.3742, -74.9563

■ 147.2070, -7.4971,
-22.1065

■ 103.3170,
-28.2573, -83.5930

■ 153.3590, -4.6140,
-13.4698

■ 100.2410,
-29.6988, -87.9114

■ 159.9240, -1.4415,
-4.3183

■ 166.0760, 1.4415,
4.3183

■ 172.2280, 4.3246,
12.9550

■ 178.4940, 7.6445,
21.4918

■ 184.9450, 10.3801,
30.7432

Harmonies

Analogous

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



136.9230, -36.9370, -6.0715



128.3380, -16.4356, -48.5314



113.8750, 12.3866, -99.8684

Triad

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



128.3380, -16.4356, -48.5314



123.3860, 54.5327, -84.5305



144.4560, -17.9728, 71.5141

Complementary

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



128.3380, -16.4356, -48.5314



107.6620, 16.4356, 48.5314

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.



146.8140, 2.5567, 66.8151



128.3380, -16.4356, -48.5314



146.6410, 38.1380, -5.8242

Square

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



128.3380, -16.4356, -48.5314



120.0600, 48.7774, -105.2926



149.6870, 21.8463, 39.7395



143.6610, -35.8219, 56.4253

Rectangle

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



128.3380, -16.4356, -48.5314



117.4090, 25.9274, -102.9677



149.6870, 21.8463, 39.7395



144.8890, -11.2843, 72.8883

Sweetspot

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



128.3380, -16.4356, -48.5314



198.0440, -6.9237, -19.3326



146.4610, -36.2163, -3.9123



98.8970, -3.8932, -11.3107



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.



128.3380, -16.4356, -48.5314



158.0560, -25.6636, -75.4711



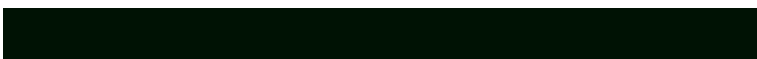
133.3540, 2.7835, -52.9305



78.5110, -1.7309, -4.8331



89.2190, -26.2370, -78.2451



11.0220, -3.4618, -9.6663

Inverse Universe

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



107.6620, 16.4356, 48.5314



125.9440, 25.6636, 75.4711



102.6460, -2.7835, 52.9305



76.4890, 1.7309, 4.8331



55.8950, 26.6738, 78.1451



6.8640, 3.0250, 9.7663

Previews

White Background



This preview shows how the YUV color 128.3380, -16.4356, -48.5314 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 128.3380, -16.4356, -48.5314 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 128.3380, -16.4356, -48.5314 Background



This preview shows how black text looks on a background with the YUV color 128.3380, -16.4356, -48.5314.



This preview shows how white text looks on a background with the YUV color 128.3380, -16.4356, -48.5314.

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

128.3380, -16.4356, -48.5314

Protanopia

141.8020, -26.5244, 14.2056

Deuteranopia

143.9480, -21.1734, 24.6016



Tritanopia

137.5310, 14.5282, -39.9307

Trichromacy



Original Color

128.3380, -16.4356, -48.5314

Protanomaly

136.9840, -22.6701, -8.7560

Deuteranomaly

138.2390, -19.3448, -1.9636

Tritanomaly

134.2350, 3.3351, -43.1791

Monochromacy



Original Color

128.3380, -16.4356, -48.5314

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

128.2830, -6.0555, -17.7882

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.3380, -16.4356, -48.5314 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, 163, 95)` looks like.

```
.text, #text, p{  
    color:rgb(73, 163, 95)  
}
```

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, 163, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 163, 95) }
```

Border

The CSS property to change the border of an element to YUV 128.3380, -16.4356, -48.5314 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, 163, 95) }
```


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

```
.border{ border-color:rgb(73, 163, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 163, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 163, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 163, 95);  
box-shadow:4px 4px 4px 4px rgb(73, 163,  
95) }
```

Background

The CSS property to change the background color of an element to YUV 128.3380, -16.4356, -48.5314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 163, 95) }
```

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

```
.background{ background-color: rgb(73, 163,  
95) }
```

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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