

Converting Colors

YUV(127.4800, -15.0266,
-33.7470)

Have a look what the booklet for
YUV(127.4800, -15.0266, -33.7470)
contains.

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Color

**YUV(127.4800, -15.0266,
-33.7470)**

Conversions

Conversions Part 1

Format	Color
Hex	599961
RGB	89, 153, 97
RGB Percent	35%, 60%, 38%
CMY	0.6510, 0.4000, 0.6196
CMYK	0.42, 0.00, 0.37, 0.40
HSL	128°, 26%, 47%
HSV	128°, 42%, 60%
XYZ	17.6687, 25.7694, 15.3520
YIQ	127.4800, -20.1680, -30.9840

Conversions

Conversions Part 2

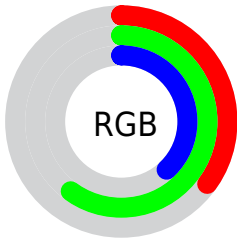
Format	Color
R_{YB}	89, 146, 153
Decimal	5871969
CIE _{Lab}	57.82, -32.82, 23.18
CIE _{LCh}	58, 40.178, 144.771
Yxy	25.7694, 0.3005, 0.4383
Android (android.graphics.Color)	4284062049 (0xFF599961)
YUV	127.4800, -15.0266, -33.7470
Hunter-Lab	50.7635, -26.7076, 17.6039

Details

The YUV color **127.4800, -15.0266, -33.7470** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **114.5200, 15.0266, 33.7470**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.4260, -16.4790, -34.5766**, and **76.0500, -12.8426, -34.2468** is the 20% darker color. If you saturate the color by 10%, you get **121.5130, -18.4939, -41.6689**, and if you desaturate by 10%, it is **133.4470, -11.5594, -25.8250**.

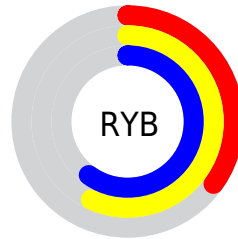
Distribution



Red (35%)

Green (60%)

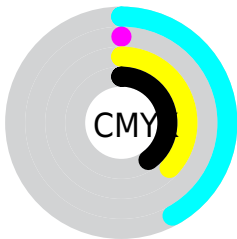
Blue (38%)



Red (35%)

Yellow (57%)

Blue (60%)

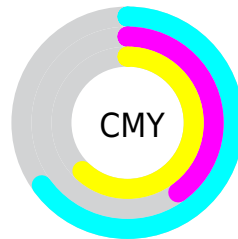


Cyan (42%)

Magenta (0%)

Yellow (37%)

Black (40%)



Cyan (65%)

Magenta (40%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.4800, -15.0266, -33.7470 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 127.4800, -15.0266, -33.7470 by changing the saturation by 10% instead.

■ 127.4800,
-15.0266, -33.7470

■ 127.4800,
-15.0266, -33.7470

■ 255.0000, 0.0000,
0.0000

■ 101.7080,
-14.1530, -33.9469

■ 181.4260,
-16.4790, -34.5766

■ 76.0500, -12.8426,
-34.2468

■ 209.0130,
-16.7684, -35.0914

■ 49.1740, -10.9318,
-40.4946

■ 231.6160,
-14.6007, -30.3582

■ 31.5670, -13.5905,
-27.6843

■ 243.5930, -6.2083,
-15.4291

■ 19.9580, -9.8393,
-17.5032

■ 0.0000, 0.0000,
0.0000

■ 127.4800,
-15.0266, -33.7470

■ 127.4800,
-15.0266, -33.7470

■ 121.5130,
-18.4939, -41.6689

■ 133.4470,
-11.5594, -25.8250

■ 115.1330,
-22.2506, -50.1056

■ 139.8270, -7.8027,
-17.3883

■ 109.1660,
-25.7178, -58.0276

■ 145.7940, -4.3354,
-9.4663

■ 103.0850,
-29.6219, -65.8495

■ 151.8750, -0.4314,
-1.6444

■ 97.1180, -33.0892,
-73.7715

■ 157.8420, 3.0359,
6.2776


■ 91.9770, -35.9777,
-80.6638

■ 164.1080, 6.3558,
14.8143

■ 170.1890, 10.2598,
22.6362

■ 176.1560, 13.7271,

30.5582

 182.4220, 17.0470,
39.0949

Harmonies

Analogous

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



133.1930, -29.6751, -1.9233



127.4800, -15.0266, -33.7470



112.4750, 9.1328, -82.8546

Triad

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



127.4800, -15.0266, -33.7470



127.6750, 39.6002, -54.9660



139.6930, -14.1456, 57.2742

Complementary

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



127.4800, -15.0266, -33.7470



114.5200, 15.0266, 33.7470

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.



142.0140, 2.4581, 51.7307



127.4800, -15.0266, -33.7470



140.0940, 31.0127, -7.0984

Square

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



127.4800, -15.0266, -33.7470



112.0410, 40.8988, -98.2600



143.2960, 18.0951, 29.5584



138.4840, -27.3536, 46.9335

Rectangle

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



127.4800, -15.0266, -33.7470



109.9430, 22.7061, -96.4200



143.2960, 18.0951, 29.5584



140.1860, -8.4727, 57.7189

Sweetspot

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



127.4800, -15.0266, -33.7470



188.6040, -6.2138, -13.6847



143.6110, -26.9232, 2.0952



93.0330, -3.4673, -7.9219



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



127.4800, -15.0266, -33.7470



159.1820, -23.2607, -52.7796



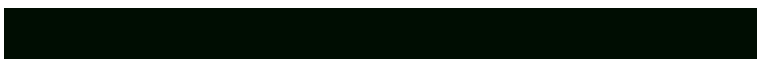
131.0140, -1.4859, -36.8463



73.8100, -1.8783, -4.2184



84.2320, -32.6524, -73.8715



7.8590, -2.8885, -6.8923

Inverse Universe

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



114.5200, 15.0266, 33.7470



138.8180, 23.2607, 52.7796



110.9860, 1.4859, 36.8463



72.1900, 1.8783, 4.2184



55.8820, 33.0892, 73.7715



5.1410, 2.8885, 6.8923

Previews

White Background



This preview shows how the YUV color 127.4800, -15.0266, -33.7470 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 127.4800, -15.0266, -33.7470 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 127.4800, -15.0266, -33.7470 Background



This preview shows how black text looks on a background with the YUV color 127.4800, -15.0266, -33.7470.



This preview shows how white text looks on a background with the YUV color 127.4800, -15.0266, -33.7470.

-33.7470.

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

127.4800, -15.0266, -33.7470

Protanopia

136.2300, -22.2984, 12.0763

Deuteranopia

137.8490, -17.6736, 22.0574



Tritanopia

134.0980, 11.2907, -28.1499

Trichromacy



Original Color

127.4800, -15.0266, -33.7470

Protanomaly

132.8150, -19.6288, -4.2228

Deuteranomaly

134.2440, -16.8823, 1.5400

Tritanomaly

131.8560, 1.5500, -30.5687

Monochromacy



Original Color

127.4800, -15.0266, -33.7470

Achromatopsia

127.0000, 0.0000, 0.0000

Achromatomaly

126.8430, -5.3456, -12.1403

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.4800, -15.0266, -33.7470 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(89, 153, 97)` looks like.

```
.text, #text, p{  
    color:rgb(89, 153, 97)  
}
```

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(89, 153, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 153, 97) }
```

Border

The CSS property to change the border of an element to YUV 127.4800, -15.0266, -33.7470 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(89, 153, 97) }
```


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

```
.border{ border-color:rgb(89, 153, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 153, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 153, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 153, 97);  
box-shadow:4px 4px 4px 4px rgb(89, 153,  
97) }
```

Background

The CSS property to change the background color of an element to YUV 127.4800, -15.0266, -33.7470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 153, 97) }
```

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

```
.background{ background-color: rgb(89, 153,  
97) }
```

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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