

Converting Colors

YUV(106.0880, -27.1584,
-15.8632)

Have a look what the booklet for
YUV(106.0880, -27.1584, -15.8632)
contains.

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Color

**YUV(106.0880, -27.1584,
-15.8632)**

Conversions

Conversions Part 1

Format	Color
Hex	587E33
RGB	88, 126, 51
RGB Percent	35%, 49%, 20%
CMY	0.6549, 0.5059, 0.8000
CMYK	0.30, 0.00, 0.60, 0.51
HSL	90°, 42%, 35%
HSV	90°, 60%, 49%
XYZ	12.0829, 17.2354, 5.8219
YIQ	106.0880, 1.4270, -31.3810

Conversions

Conversions Part 2

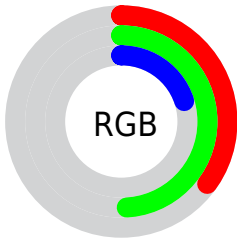
Format	Color
RYB	51, 126, 89
Decimal	5799475
CIELab	48.56, -26.85, 35.96
CIELCh	49, 44.872, 126.747
Yxy	17.2354, 0.3438, 0.4905
Android (android.graphics.Color)	4283989555 (0xFF587E33)
YUV	106.0880, -27.1584, -15.8632
Hunter-Lab	41.5156, -20.7007, 20.7464

Details

The YUV color **106.0880, -27.1584, -15.8632** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **70.9120, 27.1584, 15.8632**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.3330, -28.7582, -16.0780**, and **56.6750, -27.4478, -16.3780** is the 20% darker color. If you saturate the color by 10%, you get **102.8120, -31.9523, -18.2521**, and if you desaturate by 10%, it is **109.3640, -22.3645, -13.4742**.

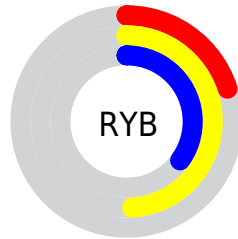
Distribution



Red (35%)

Green (49%)

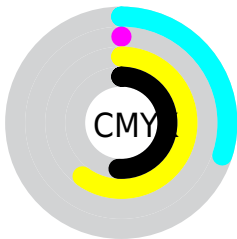
Blue (20%)



Red (20%)

Yellow (49%)

Blue (35%)

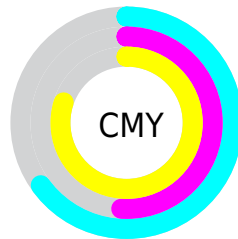


Cyan (30%)

Magenta (0%)

Yellow (60%)

Black (51%)



Cyan (65%)

Magenta (51%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.0880, -27.1584, -15.8632 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 106.0880, -27.1584, -15.8632 by changing the saturation by 10% instead.

■ 106.0880,
-27.1584, -15.8632

■ 106.0880,
-27.1584, -15.8632

■ 255.0000, 0.0000,
0.0000

■ 81.2020, -26.7216,
-15.9632

■ 158.3330,
-28.7582, -16.0780

■ 56.6750, -27.4478,
-16.3780

■ 185.8060,
-29.4844, -16.4929

■ 35.2970, -17.4014,
-18.6775

■ 213.5780,
-30.3580, -16.2929

■ 19.3710, -9.5499,
-16.9884

■ 237.0670,
-28.6270, -11.4598

■ 0.0000, 0.0000,
0.0000

■ 248.9300,
-20.6715, 3.5694

■ 252.8340, -8.2992,

1.8996

■ 106.0880,
-27.1584, -15.8632

■ 106.0880,
-27.1584, -15.8632

■ 102.8120,
-31.9523, -18.2521

■ 109.3640,
-22.3645, -13.4742

■ 99.3510, -36.1620,
-21.3558

■ 112.8250,
-18.1547, -10.3705

■ 96.0750, -40.9560,
-23.7448

■ 116.1010,
-13.3608, -7.9816

■ 92.6140, -45.1657,
-26.8485

■ 119.5620, -9.1511,
-4.8779

■ 92.5000, -45.6025,
-26.7485

■ 122.8380, -4.3571,
-2.4889

■ 126.1140, 0.4368,
-0.1000

■ 129.5750, 4.6465,
3.0037

■ 132.8510, 9.4405,
5.3927

■ 136.0130, 13.7976,
7.8816

Harmonies

Analogous

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



110.2400, -37.5863, 15.5755



106.0880, -27.1584, -15.8632



93.3390, -4.6041, -63.4413

Triad

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



106.0880, -27.1584, -15.8632



95.6390, 44.0550, -83.8754



115.1740, -3.5368, 61.2374

Complementary

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



106.0880, -27.1584, -15.8632



70.9120, 27.1584, 15.8632

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.



117.9450, 13.8311, 43.8982



106.0880, -27.1584, -15.8632



107.1970, 41.3149, -44.8998

Square

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



106.0880, -27.1584, -15.8632



96.3110, 31.3987, -84.4647



118.5090, 28.3431, 9.2006



113.6840, -20.5502, 58.1591

Rectangle

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



106.0880, -27.1584, -15.8632



91.1980, 9.2694, -79.9806



118.5090, 28.3431, 9.2006



115.7590, 2.5838, 58.0934

Sweetspot

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



106.0880, -27.1584, -15.8632



155.2090, -10.4560, -6.3223



95.7310, -22.0524, 26.5459



77.2570, -6.5357, -3.7334



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



106.0880, -27.1584, -15.8632



132.1350, -41.9716, -24.6744



95.0250, -21.7043, -38.6099



62.3050, -2.6154, -1.1445



93.9730, -46.3287, -27.1633



0.0000, 0.0000, 0.0000

Inverse Universe

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



70.9120, 27.1584, 15.8632



77.8650, 41.9716, 24.6744



81.9750, 21.7043, 38.6099



58.9940, 2.4680, 1.7593



34.0270, 46.3287, 27.1633



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 106.0880, -27.1584, -15.8632 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 106.0880, -27.1584, -15.8632 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

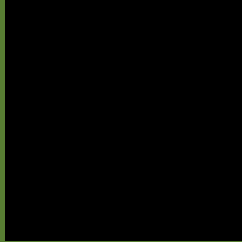
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 106.0880, -27.1584, -15.8632 Background



This preview shows how black text looks on a background with the YUV color 106.0880, -27.1584, -15.8632.



This preview shows how white text looks on a background with the YUV color 106.0880, -27.1584, -15.8632.

-15.8632.

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

106.0880, -27.1584, -15.8632

Protanopia

111.2490, -31.1818, 14.6906

Deuteranopia

112.8250, -28.0147, 25.5865



Tritanopia

113.4590, 7.1687, -12.6805

Trichromacy



Original Color

106.0880, -27.1584, -15.8632

Protanomaly

109.2260, -29.6914, 3.3098

Deuteranomaly

110.1390, -27.6765, 10.4021

Tritanomaly

110.8320, -5.3402, -13.8847

Monochromacy



Original Color

106.0880, -27.1584, -15.8632

Achromatopsia

106.0000, 0.0000, 0.0000

Achromatomaly

105.7360, -9.7298, -5.9075

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.0880, -27.1584, -15.8632 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(88, 126, 51)` looks like.

```
.text, #text, p{  
    color:rgb(88, 126, 51)  
}
```

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(88, 126, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 126, 51) }
```

Border

The CSS property to change the border of an element to YUV 106.0880, -27.1584, -15.8632 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(88, 126, 51) }
```


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

```
.border{ border-color:rgb(88, 126, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 126, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 126, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 126, 51);  
box-shadow:4px 4px 4px 4px rgb(88, 126,  
51) }
```

Background

The CSS property to change the background color of an element to YUV 106.0880, -27.1584, -15.8632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 126, 51) }
```

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

```
.background{ background-color: rgb(88, 126,  
51) }
```

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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