

Converting Colors

YUV(106.6270, -11.1551,
-15.4589)

Have a look what the booklet for
YUV(106.6270, -11.1551, -15.4589)
contains.

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Color

**YUV(106.6270, -11.1551,
-15.4589)**

Conversions

Conversions Part 1

Format	Color
Hex	597854
RGB	89, 120, 84
RGB Percent	35%, 47%, 33%
CMY	0.6510, 0.5294, 0.6706
CMYK	0.26, 0.00, 0.30, 0.53
HSL	112°, 18%, 40%
HSV	112°, 30%, 47%
XYZ	12.4365, 16.1969, 10.8583
YIQ	106.6270, -6.9200, -17.7680

Conversions

Conversions Part 2

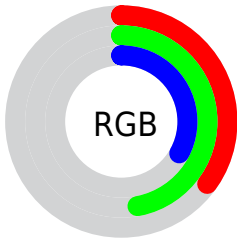
Format	Color
RYB	84, 120, 115
Decimal	5863508
CIELab	47.23, -18.71, 16.27
CIELCh	47, 24.799, 138.987
Yxy	16.1969, 0.3149, 0.4101
Android (android.graphics.Color)	4284053588 (0xFF597854)
YUV	106.6270, -11.1551, -15.4589
Hunter-Lab	40.2453, -15.2697, 12.1751

Details

The YUV color **106.6270, -11.1551, -15.4589** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **97.3730, 11.1551, 15.4589**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.1000, -11.8813, -15.8737**, and **58.6810, -9.7027, -14.6292** is the 20% darker color. If you saturate the color by 10%, you get **102.2690, -14.9226, -20.4069**, and if you desaturate by 10%, it is **110.9850, -7.3876, -10.5108**.

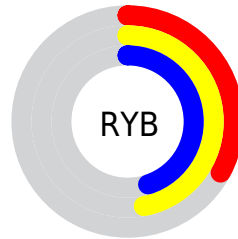
Distribution



Red (35%)

Green (47%)

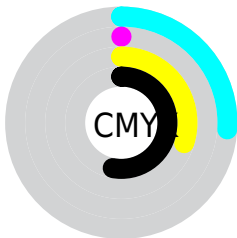
Blue (33%)



Red (33%)

Yellow (47%)

Blue (45%)

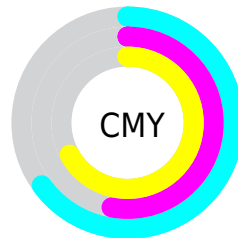


Cyan (26%)

Magenta (0%)

Yellow (30%)

Black (53%)



Cyan (65%)

Magenta (53%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.6270, -11.1551, -15.4589 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 106.6270, -11.1551, -15.4589 by changing the saturation by 10% instead.

■ 106.6270,
-11.1551, -15.4589

■ 106.6270,
-11.1551, -15.4589

■ 255.0000, 0.0000,
0.0000

■ 82.1540, -10.4289,
-15.0441

■ 158.1000,
-11.8813, -15.8737

■ 58.6810, -9.7027,
-14.6292

■ 185.2740,
-12.4601, -16.9033

■ 36.7950, -9.2659,
-14.7292

■ 213.1600,
-12.8969, -16.8033

■ 17.0230, -8.3923,
-14.9292

■ 240.5730,
-12.6075, -16.2885

■ 0.0000, 0.0000,
0.0000

■ 252.4360, -4.6519,
-1.2594

■ 106.6270,
-11.1551, -15.4589

■ 106.6270,
-11.1551, -15.4589

■ 102.2690,
-14.9226, -20.4069

■ 110.9850, -7.3876,
-10.5108

■ 97.6120, -18.5427,
-25.9697

■ 115.6420, -3.7675,
-4.9480

■ 93.2540, -22.3102,
-30.9178

■ 120.0000, 0.0000,
0.0000

■ 88.8960, -26.0777,
-35.8658

■ 124.3580, 3.7675,
4.9480

■ 84.2390, -29.6978,
-41.4286

■ 129.0150, 7.3876,
10.5108

■ 79.8810, -33.4653,
-46.3766

■ 133.3730, 11.1551,
15.4589

■ 75.5230, -37.2328,
-51.3247

■ 137.7310, 14.9226,
20.4069

■ 142.3880, 18.5427,

25.9697

■ 146.7460, 22.3102,
30.9178

Harmonies

Analogous

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



109.5000, -18.4875, 3.0695



106.6270, -11.1551, -15.4589



103.0790, -0.0389, -34.2723

Triad

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



106.6270, -11.1551, -15.4589



106.7630, 22.7948, -31.3642



113.9720, -7.3812, 34.2276

Complementary

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



106.6270, -11.1551, -15.4589



97.3730, 11.1551, 15.4589

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.



114.9850, 2.9654, 28.9542



106.6270, -11.1551, -15.4589



112.2930, 19.0826, -7.2730

Square

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



106.6270, -11.1551, -15.4589



100.1860, 21.1073, -50.1521



115.0030, 12.3235, 14.0294



112.7730, -15.6641, 30.8941

Rectangle

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



106.6270, -11.1551, -15.4589



100.0050, 8.8715, -45.6084



115.0030, 12.3235, 14.0294



114.1830, -4.0342, 34.0425

Sweetspot

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



106.6270, -11.1551, -15.4589



150.5170, -4.1989, -6.5924



112.9610, -14.2778, 6.1732



75.8810, -2.8993, -3.4036



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



106.6270, -11.1551, -15.4589



134.9650, -17.2377, -24.5253



106.6140, -4.7397, -19.8325



58.8210, -1.8838, -2.4740



78.4580, -38.6798, -53.8987



158.3890, -78.0858, -108.2122

Inverse Universe

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



97.3730, 11.1551, 15.4589



120.7360, 17.3852, 23.9105



97.3860, 4.7397, 19.8325



57.1790, 1.8838, 2.4740



46.5420, 38.6798, 53.8987



93.6110, 78.0858, 108.2122

Previews

White Background



This preview shows how the YUV color 106.6270, -11.1551, -15.4589 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 106.6270, -11.1551, -15.4589 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

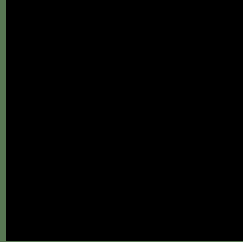
Any Text WCAG AA × Fail

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 106.6270, -11.1551, -15.4589 Background



This preview shows how black text looks on a background with the YUV color 106.6270, -11.1551, -15.4589.



This preview shows how white text looks on a background with the YUV color 106.6270, -11.1551, -15.4589.

-15.4589.

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

106.6270, -11.1551, -15.4589

Protanopia

110.7440, -15.1568, 8.1175

Deuteranopia

111.8960, -12.2737, 16.7542



Tritanopia

110.3450, 6.7319, -12.5806

Trichromacy



Original Color

106.6270, -11.1551, -15.4589

Protanomaly

109.3300, -13.9667, -0.2894

Deuteranomaly

110.2320, -11.9464, 5.0585

Tritanomaly

108.9120, 0.0434, -13.9548

Monochromacy



Original Color

106.6270, -11.1551, -15.4589

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

106.9300, -3.9095, -6.0776

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.6270, -11.1551, -15.4589 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, 120, 84)` looks like.

```
.text, #text, p{  
    color:rgb(89, 120, 84)  
}
```

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, 120, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 120, 84) }
```

Border

The CSS property to change the border of an element to YUV 106.6270, -11.1551, -15.4589 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, 120, 84) }
```


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

```
.border{ border-color:rgb(89, 120, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 120, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 120, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 120, 84);  
box-shadow:4px 4px 4px 4px rgb(89, 120,  
84) }
```

Background

The CSS property to change the background color of an element to YUV 106.6270, -11.1551, -15.4589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 120, 84) }
```

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

```
.background{ background-color: rgb(89, 120,  
84) }
```

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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