

Converting Colors

YUV(107.6870, -12.1707,
-16.3885)

Have a look what the booklet for
YUV(107.6870, -12.1707, -16.3885)
contains.

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Color

**YUV(107.6870, -12.1707,
-16.3885)**

Conversions

Conversions Part 1

Format	Color
Hex	597A53
RGB	89, 122, 83
RGB Percent	35%, 48%, 33%
CMY	0.6510, 0.5216, 0.6745
CMYK	0.27, 0.00, 0.32, 0.52
HSL	111°, 19%, 40%
HSV	111°, 32%, 48%
XYZ	12.6407, 16.6674, 10.7345
YIQ	107.6870, -7.1490, -19.1250

Conversions

Conversions Part 2

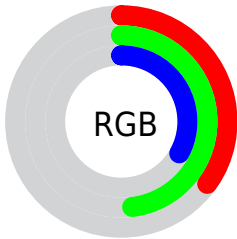
Format	Color
R_{YB}	83, 122, 116
Decimal	5864019
CIE _{Lab}	47.84, -19.95, 17.67
CIE _{LCh}	48, 26.649, 138.456
Yxy	16.6674, 0.3157, 0.4162
Android (android.graphics.Color)	4284054099 (0xFF597A53)
YUV	107.6870, -12.1707, -16.3885
Hunter-Lab	40.8258, -16.1770, 12.9886

Details

The YUV color **107.6870, -12.1707, -16.3885** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **97.3130, 12.1707, 16.3885**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.7470, -13.1863, -17.3181**, and **59.7410, -10.7183, -15.5589** is the 20% darker color. If you saturate the color by 10%, you get **103.3290, -15.9382, -21.3365**, and if you desaturate by 10%, it is **112.0450, -8.4032, -11.4405**.

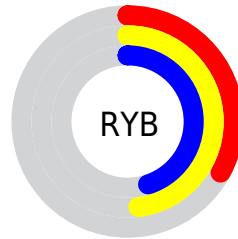
Distribution



Red (35%)

Green (48%)

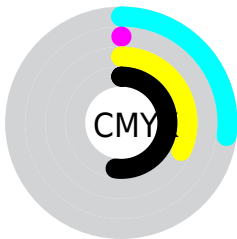
Blue (33%)



Red (33%)

Yellow (48%)

Blue (45%)

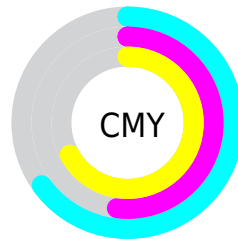


Cyan (27%)

Magenta (0%)

Yellow (32%)

Black (52%)



Cyan (65%)

Magenta (52%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.6870, -12.1707, -16.3885 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 107.6870, -12.1707, -16.3885 by changing the saturation by 10% instead.

■ 107.6870,
-12.1707, -16.3885

■ 107.6870,
-12.1707, -16.3885

■ 255.0000, 0.0000,
0.0000

■ 83.2140, -11.4445,
-15.9737

■ 159.7470,
-13.1863, -17.3181

■ 59.7410, -10.7183,
-15.5589

■ 186.6330,
-13.6231, -17.2181

■ 36.9690, -9.8447,
-15.7588

■ 214.2200,
-13.9125, -17.7329

■ 17.6100, -8.6817,
-15.4440

■ 240.4590,
-13.0443, -16.1885

■ 0.0000, 0.0000,
0.0000

■ 252.3220, -5.0887,
-1.1594

■ 107.6870,
-12.1707, -16.3885

■ 107.6870,
-12.1707, -16.3885

■ 103.3290,
-15.9382, -21.3365

■ 112.0450, -8.4032,
-11.4405

■ 98.6720, -19.5583,
-26.8993

■ 116.7020, -4.7831,
-5.8777

■ 94.2000, -23.7626,
-31.7474

■ 121.1740, -0.5788,
-1.0296

■ 89.8420, -27.5301,
-36.6954

■ 125.5320, 3.1887,
3.9184

■ 85.1850, -31.1502,
-42.2582

■ 130.1890, 6.8088,
9.4812

■ 80.8270, -34.9177,
-47.2063

■ 134.5470, 10.5763,
14.4293

■ 77.2950, -38.1064,
-51.1247

■ 138.9050, 14.3438,
19.3773

■ 143.6760, 18.4007,

24.8401

■ 148.0340, 22.1682,
29.7882

Harmonies

Analogous

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



111.0440, -20.2347, 3.4694



107.6870, -12.1707, -16.3885



103.4700, 0.2613, -37.2462

Triad

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



107.6870, -12.1707, -16.3885



107.1970, 24.5529, -35.2528



115.5810, -7.6814, 37.2015

Complementary

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



107.6870, -12.1707, -16.3885



97.3130, 12.1707, 16.3885

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.



116.4090, 3.2494, 31.2133



107.6870, -12.1707, -16.3885



114.0370, 20.6878, -8.8024

Square

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



107.6870, -12.1707, -16.3885



98.7120, 23.3130, -57.6294



116.5300, 13.0497, 14.4442



114.5560, -16.5431, 32.8384

Rectangle

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



107.6870, -12.1707, -16.3885



100.0860, 9.3246, -50.9414



116.5300, 13.0497, 14.4442



115.6070, -3.7503, 36.3017

Sweetspot

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



107.6870, -12.1707, -16.3885



152.2890, -5.0725, -6.3925



114.0320, -15.2988, 6.9879



75.5820, -2.7519, -4.0184



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.



107.6870, -12.1707, -16.3885



135.9110, -18.6901, -25.3549



107.3750, -5.6079, -21.3769



58.8210, -1.8838, -2.4740



79.0560, -38.9746, -52.6691



159.5850, -78.6754, -105.7530

Inverse Universe

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



97.3130, 12.1707, 16.3885



120.0890, 18.6901, 25.3549



97.6250, 5.6079, 21.3769



57.1790, 1.8838, 2.4740



45.9440, 38.9746, 52.6691



92.7140, 78.5280, 106.3678

Previews

White Background



This preview shows how the YUV color 107.6870, -12.1707, -16.3885 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 107.6870, -12.1707, -16.3885 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 107.6870, -12.1707, -16.3885 Background



This preview shows how black text looks on a background with the YUV color 107.6870, -12.1707, -16.3885.



This preview shows how white text looks on a background with the YUV color 107.6870, -12.1707, -16.3885.

-16.3885.

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

107.6870, -12.1707, -16.3885

Protanopia

111.8150, -16.1778, 8.9322

Deuteranopia

113.5540, -13.5841, 17.0541



Tritanopia

111.7470, 7.0267, -13.8101

Trichromacy



Original Color

107.6870, -12.1707, -16.3885

Protanomaly

110.1020, -14.8403, -0.0895

Deuteranomaly

111.5910, -13.1094, 4.7437

Tritanomaly

110.2000, -0.0986, -15.0844

Monochromacy



Original Color

107.6870, -12.1707, -16.3885

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

107.8160, -4.3463, -5.9776

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.6870, -12.1707, -16.3885 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, 122, 83)` looks like.

```
.text, #text, p{  
    color:rgb(89, 122, 83)  
}
```

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, 122, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 122, 83) }
```

Border

The CSS property to change the border of an element to YUV 107.6870, -12.1707, -16.3885 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, 122, 83) }
```


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

```
.border{ border-color:rgb(89, 122, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 122, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 122, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 122, 83);  
box-shadow:4px 4px 4px 4px rgb(89, 122,  
83) }
```

Background

The CSS property to change the background color of an element to YUV 107.6870, -12.1707, -16.3885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 122, 83) }
```

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

```
.background{ background-color: rgb(89, 122,  
83) }
```

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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