

Converting Colors

YUV(107.6500, -16.0964,
-17.2330)

Have a look what the booklet for
YUV(107.6500, -16.0964, -17.2330)
contains.

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Color

**YUV(107.6500, -16.0964,
-17.2330)**

Conversions

Conversions Part 1

Format	Color
Hex	587C4B
RGB	88, 124, 75
RGB Percent	35%, 49%, 29%
CMY	0.6549, 0.5137, 0.7059
CMYK	0.29, 0.00, 0.40, 0.51
HSL	104°, 25%, 39%
HSV	104°, 40%, 49%
XYZ	12.5022, 16.9980, 9.2786
YIQ	107.6500, -5.7270, -22.8710

Conversions

Conversions Part 2

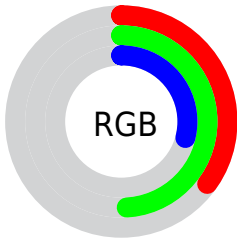
Format	Color
R_{YB}	75, 124, 111
Decimal	5798987
CIE _{Lab}	48.26, -22.69, 22.78
CIE _{LCh}	48, 32.149, 134.887
Yxy	16.9980, 0.3224, 0.4383
Android (android.graphics.Color)	4283989067 (0xFF587C4B)
YUV	107.6500, -16.0964, -17.2330
Hunter-Lab	41.2286, -18.0219, 15.5167

Details

The YUV color **107.6500, -16.0964, -17.2330** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **91.3500, 16.0965, 17.2331**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.5960, -17.5488, -18.0627**, and **59.4050, -14.4967, -17.0182** is the 20% darker color. If you saturate the color by 10%, you get **103.5910, -20.0114, -21.5663**, and if you desaturate by 10%, it is **111.7090, -12.1815, -12.8998**.

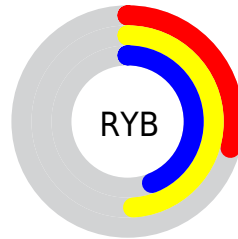
Distribution



Red (35%)

Green (49%)

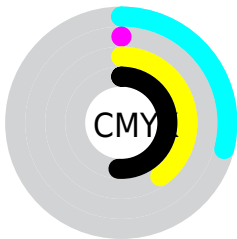
Blue (29%)



Red (29%)

Yellow (49%)

Blue (44%)

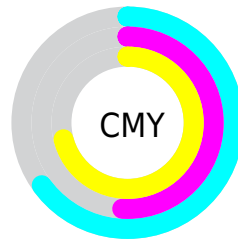


Cyan (29%)

Magenta (0%)

Yellow (40%)

Black (51%)



Cyan (65%)

Magenta (51%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.6500, -16.0964, -17.2330 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 107.6500, -16.0964, -17.2330 by changing the saturation by 10% instead.

■ 107.6500,
-16.0964, -17.2330

■ 107.6500,
-16.0964, -17.2330

■ 255.0000, 0.0000,
0.0000

■ 83.1770, -15.3703,
-16.8182

■ 159.5960,
-17.5488, -18.0627

■ 59.4050, -14.4967,
-17.0182

■ 186.4820,
-17.9856, -17.9627

■ 36.4050, -14.4967,
-17.0182

■ 214.6560,
-18.5644, -18.9923

■ 18.7840, -9.2605,
-16.4736

■ 239.4330,
-16.9755, -15.2887

■ 0.0000, 0.0000,
0.0000

■ 250.9970, -8.8725,
-0.8744

■ 107.6500,
-16.0964, -17.2330

■ 107.6500,
-16.0964, -17.2330

■ 103.5910,
-20.0114, -21.5663

■ 111.7090,
-12.1815, -12.8998

■ 99.4180, -24.3631,
-25.7996

■ 115.8820, -7.8298,
-8.6665

■ 95.3590, -28.2780,
-30.1328

■ 119.9410, -3.9149,
-4.3333

■ 91.1860, -32.6297,
-34.3661

■ 124.1140, 0.4368,
-0.1000

■ 86.8280, -36.3972,
-39.3142

■ 128.4720, 4.2043,
4.8481

■ 82.7690, -40.3121,
-43.6474

■ 132.5310, 8.1192,
9.1813

■ 82.6550, -40.7489,
-43.5474

■ 136.7040, 12.4709,
13.4146

■ 140.7630, 16.3858,

17.7478

■ 144.9360, 20.7376,
21.9811

Harmonies

Analogous

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



110.9150, -24.6081, 6.2135



107.6500, -16.0964, -17.2330



101.4860, -0.7326, -45.1532

Triad

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



107.6500, -16.0964, -17.2330



102.3240, 31.8853, -53.7811



116.1520, -6.9769, 44.5937

Complementary

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



107.6500, -16.0964, -17.2330



91.3500, 16.0965, 17.2331

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.



117.1260, 5.8539, 35.8465



107.6500, -16.0964, -17.2330



114.0730, 26.0930, -15.8500

Square

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



107.6500, -16.0964, -17.2330



91.8770, 29.6406, -80.5761



117.3820, 17.5597, 14.5740



115.0300, -18.7488, 40.3157

Rectangle

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



107.6500, -16.0964, -17.2330



90.6700, 13.4737, -75.1326



117.3820, 17.5597, 14.5740



116.8790, -2.8983, 43.0791

Sweetspot

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



107.6500, -16.0964, -17.2330



154.2350, -6.5249, -7.2221



110.7830, -17.6410, 11.5913



77.9410, -3.9149, -4.3333



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.



107.6500, -16.0964, -17.2330



135.5920, -24.9419, -26.8292



105.0170, -9.3754, -26.3249



59.1200, -2.0312, -1.8592



83.2420, -41.0383, -44.0622



167.9570, -82.8028, -88.5393

Inverse Universe

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



91.3500, 16.0965, 17.2331



110.4080, 24.9419, 26.8292



93.9830, 9.3754, 26.3249



57.1790, 1.8838, 2.4740



41.7580, 41.0383, 44.0622



84.0430, 82.8028, 88.5393

Previews

White Background



This preview shows how the YUV color 107.6500, -16.0964, -17.2330 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 107.6500, -16.0964, -17.2330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

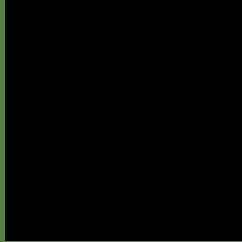
Any Text WCAG AA × Fail

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 107.6500, -16.0964, -17.2330 Background



This preview shows how black text looks on a background with the YUV color 107.6500, -16.0964, -17.2330.



This preview shows how white text looks on a background with the YUV color 107.6500, -16.0964, -17.2330.

-17.2330.

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

107.6500, -16.0964, -17.2330

Protanopia

112.3870, -20.4038, 11.0616

Deuteranopia

113.5390, -17.5207, 19.6983



Tritanopia

112.7470, 7.0267, -13.8101

Trichromacy



Original Color

107.6500, -16.0964, -17.2330

Protanomaly

110.9620, -19.2083, 0.9103

Deuteranomaly

111.2770, -16.8986, 6.7731

Tritanomaly

110.8580, -1.4090, -14.7845

Monochromacy



Original Color

107.6500, -16.0964, -17.2330

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

108.0610, -5.9461, -6.1925

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.6500, -16.0964, -17.2330 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, 124, 75)` looks like.

```
.text, #text, p{  
    color:rgb(88, 124, 75)  
}
```

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, 124, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 124, 75) }
```

Border

The CSS property to change the border of an element to YUV 107.6500, -16.0964, -17.2330 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, 124, 75) }
```


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

```
.border{ border-color:rgb(88, 124, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 124, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 124, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 124, 75);  
box-shadow:4px 4px 4px 4px rgb(88, 124,  
75) }
```

Background

The CSS property to change the background color of an element to YUV 107.6500, -16.0964, -17.2330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 124, 75) }
```

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

```
.background{ background-color: rgb(88, 124,  
75) }
```

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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