

Converting Colors

YUV(116.5910, -29.8714,
14.3907)

Have a look what the booklet for
YUV(116.5910, -29.8714, 14.3907)
contains.

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Color

**YUV(116.5910, -29.8714,
14.3907)**

Conversions

Conversions Part 1

Format	Color
Hex	857838
RGB	133, 120, 56
RGB Percent	52%, 47%, 22%
CMY	0.4784, 0.5294, 0.7804
CMYK	0.00, 0.10, 0.58, 0.48
HSL	50°, 41%, 37%
HSV	50°, 58%, 52%
XYZ	17.1031, 18.7050, 6.4504
YIQ	116.5910, 28.2920, -17.1480

Conversions

Conversions Part 2

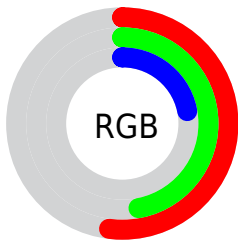
Format	Color
R_{YB}	72, 133, 56
Decimal	8747064
CIE _{Lab}	50.34, -3.67, 36.41
CIE _{LCh}	50, 36.598, 95.752
Yxy	18.7050, 0.4047, 0.4426
Android (android.graphics.Color)	4286937144 (0xFF857838)
YUV	116.5910, -29.8714, 14.3907
Hunter-Lab	43.2493, -5.0975, 21.4318

Details

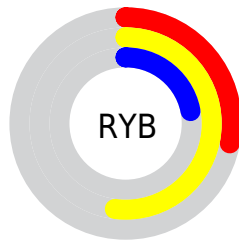
The YUV color **116.5910, -29.8714, 14.3907** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **72.4090, 29.8714, -14.3907**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.1460, -31.6240, 16.5350**, and **67.2810, -29.7185, 12.0316** is the 20% darker color. If you saturate the color by 10%, you get **113.9350, -34.9710, 16.7200**, and if you desaturate by 10%, it is **119.2470, -24.7718, 12.0614**.

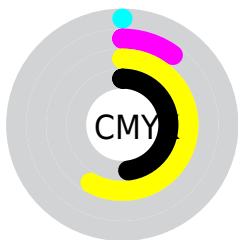
Distribution



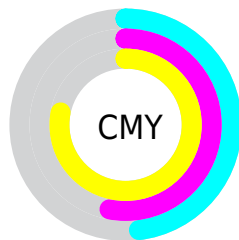
- Red (52%)
- Green (47%)
- Blue (22%)



- Red (28%)
- Yellow (52%)
- Blue (22%)



- Cyan (0%)
- Magenta (10%)
- Yellow (58%)
- Black (48%)



- Cyan (48%)
- Magenta (53%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.5910, -29.8714, 14.3907 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 116.5910, -29.8714, 14.3907 by changing the saturation by 10% instead.

■ 116.5910,
-29.8714, 14.3907

■ 116.5910,
-29.8714, 14.3907

■ 255.0000, 0.0000,
0.0000

■ 91.4060, -29.2872,
13.6759

■ 169.1460,
-31.6240, 16.5350

■ 67.2810, -29.7185,
12.0316

■ 196.3310,
-32.2082, 17.2497

■ 46.3930, -22.8717,
9.3023

■ 224.4020,
-33.2292, 18.0644

■ 26.5910, -13.1094,
4.7437

■ 247.0200,
-30.5759, 6.9985

■ 1.1740, -0.5788,
-1.0296

■ 250.2120,
-18.3455, 4.1991

■ 0.0000, 0.0000,
0.0000

■ 253.4040, -6.1152,

1.3997

■ 116.5910,
-29.8714, 14.3907

■ 116.5910,
-29.8714, 14.3907

■ 113.9350,
-34.9710, 16.7200

■ 119.2470,
-24.7718, 12.0614

■ 111.1650,
-40.5073, 19.1493

■ 122.0170,
-19.2354, 9.6321

■ 107.9220,
-45.3175, 21.9934

■ 125.2600,
-14.4252, 6.7880

■ 105.2660,
-50.4171, 24.3227

■ 127.9160, -9.3256,
4.4587

■ 104.9240,
-51.7275, 24.6227

■ 130.6860, -3.7892,
2.0294

■ 133.3420, 1.3104,
-0.2999

■ 136.5850, 6.1206,
-3.1440

■ 139.2410, 11.2202,
-5.4734

■ 142.0110, 16.7566,
-7.9026

Harmonies

Analogous

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



118.7060, -27.4631, 35.3378



116.5910, -29.8714, 14.3907



113.3750, -22.3699, -11.7299

Triad

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



116.5910, -29.8714, 14.3907



96.9150, 28.6359, -84.9945



122.9070, 11.3848, 35.1616

Complementary

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



116.5910, -29.8714, 14.3907



72.4090, 29.8714, -14.3907

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.



122.2330, 23.5491, 6.8117



116.5910, -29.8714, 14.3907



96.3740, 39.2556, -84.5200

Square

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



116.5910, -29.8714, 14.3907



94.0820, 15.2426, -82.5099



115.3960, 32.8358, -31.9193



121.5100, -3.2094, 49.5417

Rectangle

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



116.5910, -29.8714, 14.3907



109.1860, -12.4167, -30.8581



115.3960, 32.8358, -31.9193



123.5900, 15.4851, 26.6696

Sweetspot

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



116.5910, -29.8714, 14.3907



166.7590, -11.2202, 5.4734



80.6190, -5.2352, 45.9381



83.1870, -6.9942, 3.3440



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



116.5910, -29.8714, 14.3907



147.6940, -46.1911, 22.1934



117.0460, -30.0957, -7.0563



64.7290, -2.3314, 1.1147



102.2660, -50.4171, 24.3227



2.0710, -1.0210, 0.8147

Inverse Universe

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



72.4090, 29.8714, -14.3907



79.3060, 46.1911, -22.1934



71.9540, 30.0957, 7.0563



61.2710, 2.3314, -1.1147



27.7340, 50.4171, -24.3227



0.3420, 1.3104, -0.2999

Previews

White Background



This preview shows how the YUV color 116.5910, -29.8714, 14.3907 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 116.5910, -29.8714, 14.3907 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 116.5910, -29.8714, 14.3907

Background



This preview shows how black text looks on a background with the YUV color 116.5910, -29.8714, 14.3907.



This preview shows how white text looks on a background with the YUV color 116.5910, -29.8714, 14.3907.

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

116.5910, -29.8714, 14.3907

Protanopia

116.5910, -29.8714, 14.3907

Deuteranopia

117.7820, -29.4725, 26.5012



Tritanopia

121.8000, 0.0986, 15.0844

Trichromacy



Original Color

116.5910, -29.8714, 14.3907

Protanomaly

116.5910, -29.8714, 14.3907

Deuteranomaly

117.3470, -29.7511, 22.4977

Tritanomaly

120.2270, -10.9579, 14.7099

Monochromacy



Original Color

116.5910, -29.8714, 14.3907

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

116.8730, -10.7834, 5.3734

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.5910, -29.8714, 14.3907 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(133, 120, 56)` looks like.

```
.text, #text, p{  
    color:rgb(133, 120, 56)  
}
```

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(133, 120, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 120, 56) }
```

Border

The CSS property to change the border of an element to YUV 116.5910, -29.8714, 14.3907 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(133, 120, 56) }
```


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

```
.border{ border-color:rgb(133, 120, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 120, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 120, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 120, 56);  
box-shadow:4px 4px 4px 4px rgb(133, 120,  
56) }
```

Background

The CSS property to change the background color of an element to YUV 116.5910, -29.8714, 14.3907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 120, 56) }
```

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

```
.background{ background-color: rgb(133,  
120, 56) }
```

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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