

Converting Colors

YUV(88.7050, -29.4346,
14.2907)

Have a look what the booklet for
YUV(88.7050, -29.4346, 14.2907)
contains.

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Color

**YUV(88.7050, -29.4346,
14.2907)**

Conversions

Conversions Part 1

Format	Color
Hex	695C1D
RGB	105, 92, 29
RGB Percent	41%, 36%, 11%
CMY	0.5882, 0.6392, 0.8863
CMYK	0.00, 0.12, 0.72, 0.59
HSL	50°, 57%, 26%
HSV	50°, 72%, 41%
XYZ	9.8746, 10.7463, 2.7162
YIQ	88.7050, 27.9710, -16.8370

Conversions

Conversions Part 2

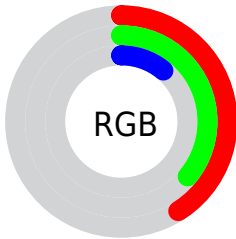
Format	Color
R_{YB}	45, 105, 29
Decimal	6904861
CIE _{Lab}	39.15, -2.66, 36.65
CIE _{LCh}	39, 36.744, 94.155
Yxy	10.7463, 0.4231, 0.4605
Android (android.graphics.Color)	4285094941 (0xFF695C1D)
YUV	88.7050, -29.4346, 14.2907
Hunter-Lab	32.7815, -3.5989, 18.0344

Details

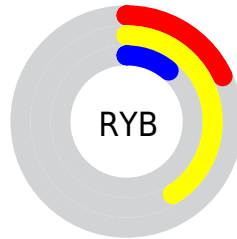
The YUV color **88.7050, -29.4346, 14.2907** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **45.2950, 29.4346, -14.2907**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.6730, -30.8978, 16.9498**, and **44.0340, -21.7088, 9.6172** is the 20% darker color. If you saturate the color by 10%, you get **86.3910, -33.2238, 16.3201**, and if you desaturate by 10%, it is **91.0190, -25.6454, 12.2613**.

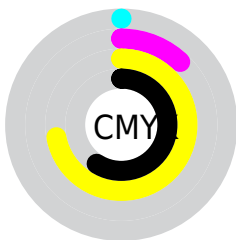
Distribution



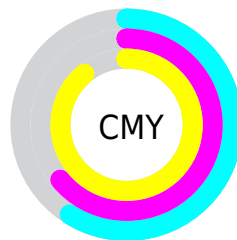
- Red (41%)
- Green (36%)
- Blue (11%)



- Red (18%)
- Yellow (41%)
- Blue (11%)



- Cyan (0%)
- Magenta (12%)
- Yellow (72%)
- Black (59%)



- Cyan (59%)
- Magenta (64%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.7050, -29.4346, 14.2907 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 88.7050, -29.4346, 14.2907 by changing the saturation by 10% instead.

88.7050, -29.4346,
14.2907

88.7050, -29.4346,
14.2907

255.0000, 0.0000,
0.0000

64.4660, -30.3027,
12.7463

139.6730,
-30.8978, 16.9498

44.0340, -21.7088,
9.6172

165.8580,
-31.4820, 17.6645

24.5310, -12.0938,
5.6733

193.2280,
-32.6504, 19.0940

0.0000, 0.0000,
0.0000

221.4130,
-33.2346, 19.8088

244.8030,
-31.4549, 8.9428

249.7560,

-20.0927, 4.5990

252.9480, -7.8624,
1.7996

88.7050, -29.4346,
14.2907

88.7050, -29.4346,
14.2907

86.3910, -33.2238,
16.3201

91.0190, -25.6454,
12.2613

83.9630, -37.4498,
18.4494

93.4470, -21.4194,
10.1320

82.4640, -40.6548,
19.7641

95.1740, -17.3408,
8.6174

97.6020, -13.1148,
6.4880

100.0300, -8.8888,
4.3587

■ 102.3440, -5.0996,
2.3293

■ 104.6580, -1.3104,
0.2999

■ 106.4990, 3.2050,
-1.3146

■ 108.9270, 7.4310,
-3.4440

Harmonies

Analogous

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



90.4500, -25.8578, 33.8084



88.7050, -29.4346, 14.2907



85.3860, -22.3753, -9.9855

Triad

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



88.7050, -29.4346, 14.2907



76.4720, 23.9243, -67.0659



94.7110, 11.9745, 32.7025

Complementary

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



88.7050, -29.4346, 14.2907



45.2950, 29.4346, -14.2907

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.



94.5100, 23.4126, 3.9377



88.7050, -29.4346, 14.2907



76.5180, 34.2546, -67.1063

Square

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



88.7050, -29.4346, 14.2907



73.7530, 10.9678, -64.6814



84.7650, 33.1469, -38.3819



92.8410, -1.8936, 47.4974

Rectangle

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



88.7050, -29.4346, 14.2907



81.7840, -12.7115, -29.6286



84.7650, 33.1469, -38.3819



95.3940, 16.0748, 24.2105

Sweetspot

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



88.7050, -29.4346, 14.2907



131.5310, -12.0938, 5.6733



53.3200, -5.0878, 45.3234



65.1870, -6.9942, 3.3440



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



88.7050, -29.4346, 14.2907



111.9930, -46.3385, 22.8081



89.1600, -29.6589, -7.1563



52.7290, -2.3314, 1.1147



91.9220, -45.3175, 21.9934



192.4160, -94.8611, 46.1162

Inverse Universe

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



45.2950, 29.4346, -14.2907



43.4200, 46.6279, -22.2933



44.8400, 29.6589, 7.1563



49.2710, 2.3314, -1.1147



25.0780, 45.3175, -21.9934



52.5840, 94.8611, -46.1162

Previews

White Background



This preview shows how the YUV color 88.7050, -29.4346, 14.2907 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 88.7050, -29.4346, 14.2907 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

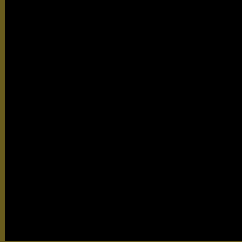
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 88.7050, -29.4346, 14.2907

Background



This preview shows how black text looks on a background with the YUV color 88.7050, -29.4346, 14.2907.



This preview shows how white text looks on a background with the YUV color 88.7050, -29.4346,

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

88.7050, -29.4346, 14.2907

Protanopia

88.6940, -29.4291, 12.5464

Deuteranopia

89.8740, -29.0249, 22.9125



Tritanopia

93.9740, -0.4802, 14.0548

Trichromacy



Original Color

88.7050, -29.4346, 14.2907

Protanomaly

88.9930, -29.5765, 13.1611

Deuteranomaly

89.1510, -29.1614, 20.0386

Tritanomaly

91.9280, -10.8105, 14.0951

Monochromacy



Original Color

88.7050, -29.4346, 14.2907

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

88.8730, -10.7834, 5.3734

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.7050, -29.4346, 14.2907 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(105, 92, 29)` looks like.

```
.text, #text, p{  
    color:rgb(105, 92, 29)  
}
```

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(105, 92, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 92, 29) }
```

Border

The CSS property to change the border of an element to YUV 88.7050, -29.4346, 14.2907 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(105, 92, 29) }
```


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

```
.border{ border-color:rgb(105, 92, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 92, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 92, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 92, 29);  
box-shadow:4px 4px 4px 4px rgb(105, 92,  
29) }
```

Background

The CSS property to change the background color of an element to YUV 88.7050, -29.4346, 14.2907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 92, 29) }
```

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

```
.background{ background-color: rgb(105, 92,  
29) }
```

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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