

Converting Colors

YUV(88.3030, -29.7294,
15.5203)

Have a look what the booklet for
YUV(88.3030, -29.7294, 15.5203)
contains.

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Color

**YUV(88.3030, -29.7294,
15.5203)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 6A5B1C |
| RGB | 106, 91, 28 |
| RGB Percent | 42%, 36%, 11% |
| CMY | 0.5843, 0.6431, 0.8902 |
| CMYK | 0.00, 0.14, 0.74, 0.58 |
| HSL | 48°, 58%, 26% |
| HSV | 48°, 74%, 42% |
| XYZ | 9.8945, 10.6302, 2.6289 |
| YIQ | 88.3030, 29.1630, -16.4130 |

Conversions

Conversions Part 2

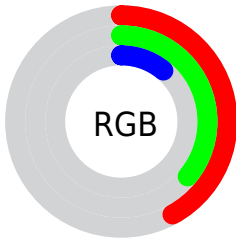
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 47, 106, 28 |
| Decimal | 6970140 |
| CIE Lab | 38.95, -1.65, 36.94 |
| CIE LCh | 39, 36.973, 92.551 |
| Yxy | 10.6302, 0.4273, 0.4591 |
| Android (android.graphics.Color) | 4285160220 (0xFF6A5B1C) |
| YUV | 88.3030, -29.7294, 15.5203 |
| Hunter-Lab | 32.6040, -2.8863, 18.0421 |

Details

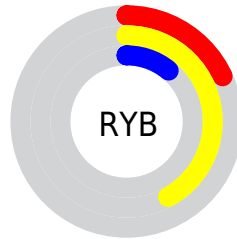
The YUV color **88.3030, -29.7294, 15.5203** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **45.6970, 29.7294, -15.5203**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.2710, -31.1926, 18.1793**, and **43.7460, -21.5668, 10.7468** is the 20% darker color. If you saturate the color by 10%, you get **85.8750, -33.9554, 17.6496**, and if you desaturate by 10%, it is **90.7310, -25.5034, 13.3909**.

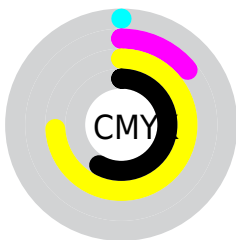
Distribution



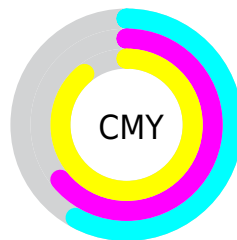
- Red (42%)
- Green (36%)
- Blue (11%)



- Red (18%)
- Yellow (42%)
- Blue (11%)



- Cyan (0%)
- Magenta (14%)
- Yellow (74%)
- Black (58%)



- Cyan (58%)
- Magenta (64%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.3030, -29.7294, 15.5203 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 88.3030, -29.7294, 15.5203 by changing the saturation by 10% instead.

■ 88.3030, -29.7294,
15.5203

■ 88.3030, -29.7294,
15.5203

255.0000, 0.0000,
0.0000

■ 64.0640, -30.5976,
13.9759

■ 139.2710,
-31.1926, 18.1793

■ 43.7460, -21.5668,
10.7468

■ 165.7550,
-31.9242, 19.5089

■ 23.9440, -11.8044,
6.1881

■ 192.8260,
-32.9452, 20.3236

■ 0.0000, 0.0000,
0.0000

■ 221.0110,
-33.5294, 21.0384

■ 244.1020,
-31.6023, 9.5575

■ 249.6420,

-20.5295, 4.6990

252.8340, -8.2992,
1.8996

88.3030, -29.7294,
15.5203

88.3030, -29.7294,
15.5203

85.8750, -33.9554,
17.6496

90.7310, -25.5034,
13.3909

83.5610, -37.7446,
19.6790

93.0450, -21.7142,
11.3615

82.1760, -40.5128,
20.8936

95.4730, -17.4882,
9.2322

97.7870, -13.6990,
7.2028

100.2150, -9.4730,
5.0734

■ 102.6430, -5.2470,
2.9441

■ 104.9570, -1.4578,
0.9147

■ 107.3850, 2.7682,
-1.2146

■ 109.6990, 6.5574,
-3.2440

Harmonies

Analogous

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



90.1620, -25.7159, 34.9379



88.3030, -29.7294, 15.5203



84.8700, -23.1069, -8.6560

Triad

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



88.3030, -29.7294, 15.5203



76.2440, 23.0507, -66.8660



94.2270, 12.7061, 31.3729

Complementary

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



88.3030, -29.7294, 15.5203



45.6970, 29.7294, -15.5203

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.



93.7270, 24.2916, 1.9934



88.3030, -29.7294, 15.5203



76.4040, 33.8178, -67.0063

Square

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



88.3030, -29.7294, 15.5203



73.4110, 9.6574, -64.3814



82.6720, 34.1787, -42.6853



92.0690, -1.0200, 47.2975

Rectangle

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



88.3030, -29.7294, 15.5203



81.2680, -13.4431, -28.2990



82.6720, 34.1787, -42.6853



94.9100, 16.8064, 22.8809

Sweetspot

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



88.3030, -29.7294, 15.5203



130.9440, -11.8044, 6.1881



53.1460, -4.5090, 46.3530



64.6000, -6.7048, 3.8588



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.



88.3030, -29.7294, 15.5203



110.1180, -45.9072, 24.4525



90.2310, -30.6799, -6.3416



52.7290, -2.3314, 1.1147



90.7480, -44.7388, 23.0230



189.4810, -93.4141, 48.6902

Inverse Universe

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



45.6970, 29.7294, -15.5203



44.2950, 46.1966, -23.9377



43.7690, 30.6799, 6.3416



49.2710, 2.3314, -1.1147



26.8390, 44.4494, -23.5378



55.5190, 93.4141, -48.6902

Previews

White Background



This preview shows how the YUV color 88.3030, -29.7294, 15.5203 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 88.3030, -29.7294, 15.5203 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 88.3030, -29.7294, 15.5203

Background



This preview shows how black text looks on a background with the YUV color 88.3030, -29.7294, 15.5203.



This preview shows how white text looks on a background with the YUV color 88.3030, -29.7294,

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

88.3030, -29.7294, 15.5203

Protanopia

87.9930, -29.5765, 13.1611

Deuteranopia

88.7600, -29.4617, 23.0125



Tritanopia

93.5720, -0.7750, 15.2844

Trichromacy



Original Color

88.3030, -29.7294, 15.5203

Protanomaly

88.2920, -29.7240, 13.7759

Deuteranomaly

88.4500, -29.3088, 20.6533

Tritanomaly

91.5260, -11.1053, 15.3247

Monochromacy



Original Color

88.3030, -29.7294, 15.5203

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

88.1720, -10.9308, 5.9882

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.3030, -29.7294, 15.5203 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(106, 91, 28)` looks like.

```
.text, #text, p{  
    color:rgb(106, 91, 28)  
}
```

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(106, 91, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 91, 28) }
```

Border

The CSS property to change the border of an element to YUV 88.3030, -29.7294, 15.5203 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(106, 91, 28) }
```


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

```
.border{ border-color:rgb(106, 91, 28) }
```

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

Here you see how a box with a 4 pixel rgb(106, 91, 28) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 91, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 91, 28);  
box-shadow:4px 4px 4px 4px rgb(106, 91,  
28) }
```

Background

The CSS property to change the background color of an element to YUV 88.3030, -29.7294, 15.5203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 91, 28) }
```

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

```
.background{ background-color: rgb(106, 91,  
28) }
```

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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