

Converting Colors

YUV(88.8900, -30.0188,
15.0055)

Have a look what the booklet for
YUV(88.8900, -30.0188, 15.0055)
contains.

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Color

**YUV(88.8900, -30.0188,
15.0055)**

Conversions

Conversions Part 1

Format	Color
Hex	6A5C1C
RGB	106, 92, 28
RGB Percent	42%, 36%, 11%
CMY	0.5843, 0.6392, 0.8902
CMYK	0.00, 0.13, 0.74, 0.58
HSL	49°, 58%, 26%
HSV	49°, 74%, 42%
XYZ	9.9806, 10.8023, 2.6576
YIQ	88.8900, 28.8880, -16.9360

Conversions

Conversions Part 2

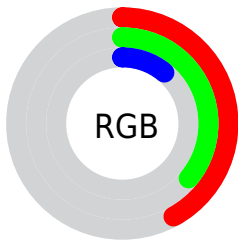
Format	Color
R_{YB}	45, 106, 28
Decimal	6970396
CIE Lab	39.25, -2.24, 37.24
CIE LCh	39, 37.303, 93.438
Yxy	10.8023, 0.4258, 0.4608
Android (android.graphics.Color)	4285160476 (0xFF6A5C1C)
YUV	88.8900, -30.0188, 15.0055
Hunter-Lab	32.8669, -3.3123, 18.2126

Details

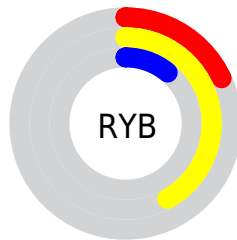
The YUV color **88.8900, -30.0188, 15.0055** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **45.1100, 30.0188, -15.0055**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.8580, -31.4820, 17.6645**, and **44.3330, -21.8562, 10.2320** is the 20% darker color. If you saturate the color by 10%, you get **86.4620, -34.2448, 17.1348**, and if you desaturate by 10%, it is **91.3180, -25.7928, 12.8761**.

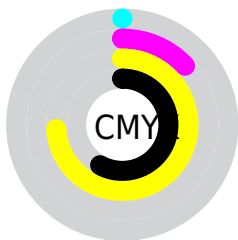
Distribution



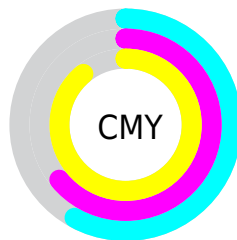
- Red (42%)
- Green (36%)
- Blue (11%)



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



- Cyan (0%)
- Magenta (13%)
- Yellow (74%)
- Black (58%)



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

Brightness & Saturation Gradients

These gradients show how the YUV color 88.8900, -30.0188, 15.0055 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 88.8900, -30.0188, 15.0055 by changing the saturation by 10% instead.

88.8900, -30.0188,
15.0055

88.8900, -30.0188,
15.0055

255.0000, 0.0000,
0.0000

64.6510, -30.8869,
13.4611

139.8580,
-31.4820, 17.6645

44.3330, -21.8562,
10.2320

166.3420,
-32.2136, 18.9941

24.5310, -12.0938,
5.6733

193.5270,
-32.7978, 19.7088

0.0000, 0.0000,
0.0000

221.5980,
-33.8188, 20.5236

244.6890,
-31.8917, 9.0427

249.6420,

-20.5295, 4.6990

252.8340, -8.2992,
1.8996

88.8900, -30.0188,
15.0055

88.8900, -30.0188,
15.0055

86.4620, -34.2448,
17.1348

91.3180, -25.7928,
12.8761

84.1480, -38.0340,
19.1642

93.6320, -22.0036,
10.8467

82.7630, -40.8022,
20.3788

96.0600, -17.7776,
8.7174

98.3740, -13.9884,
6.6880

100.8020, -9.7624,
4.5586

■ 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.



91.0480, -26.1527, 35.0379



88.8900, -30.0188, 15.0055



85.5710, -22.9595, -9.2708

Triad

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



88.8900, -30.0188, 15.0055



77.0590, 23.6349, -67.5807



94.8250, 12.4113, 32.6025

Complementary

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



88.8900, -30.0188, 15.0055



45.1100, 30.0188, -15.0055

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.



94.6240, 23.8494, 3.8378



88.8900, -30.0188, 15.0055



77.1050, 33.9652, -67.6211

Square

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



88.8900, -30.0188, 15.0055



73.6390, 10.5310, -64.5814



84.2700, 33.8839, -41.4558



92.3680, -1.1674, 47.9123

Rectangle

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



88.8900, -30.0188, 15.0055



81.6700, -13.1483, -29.5286



84.2700, 33.8839, -41.4558



95.5080, 16.5116, 24.1105

Sweetspot

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



88.8900, -30.0188, 15.0055



130.9440, -11.8044, 6.1881



52.9180, -5.3826, 46.5529



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.



88.8900, -30.0188, 15.0055



111.2920, -46.4860, 23.4229



89.6330, -30.3851, -7.5711



52.7290, -2.3314, 1.1147



91.3350, -45.0282, 22.5082



191.2420, -94.2823, 47.1458

Inverse Universe

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



45.1100, 30.0188, -15.0055



43.1210, 46.7753, -22.9081



44.3670, 30.3851, 7.5711



49.2710, 2.3314, -1.1147



25.6650, 45.0282, -22.5082



53.7580, 94.2823, -47.1458

Previews

White Background



This preview shows how the YUV color 88.8900, -30.0188, 15.0055 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 88.8900, -30.0188, 15.0055 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

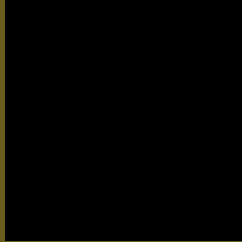
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 88.8900, -30.0188, 15.0055

Background



This preview shows how black text looks on a background with the YUV color 88.8900, -30.0188, 15.0055.



This preview shows how white text looks on a background with the YUV color 88.8900, -30.0188,

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

88.8900, -30.0188, 15.0055

Protanopia

88.8790, -30.0133, 13.2611

Deuteranopia

89.7600, -29.4617, 23.0125



Tritanopia

94.2730, -0.6276, 14.6696

Trichromacy



Original Color

88.8900, -30.0188, 15.0055

Protanomaly

89.1780, -30.1608, 13.8759

Deuteranomaly

89.0370, -29.5982, 20.1386

Tritanomaly

92.1130, -11.3947, 14.8099

Monochromacy



Original Color

88.8900, -30.0188, 15.0055

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 88.8900, -30.0188, 15.0055 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, 92, 28)` looks like.

```
.text, #text, p{  
    color:rgb(106, 92, 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, 92, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 92, 28) }
```

Border

The CSS property to change the border of an element to YUV 88.8900, -30.0188, 15.0055 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, 92, 28) }
```


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

```
.border{ border-color:rgb(106, 92, 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, 92, 28) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 92, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 92, 28);  
box-shadow:4px 4px 4px 4px rgb(106, 92,  
28) }
```

Background

The CSS property to change the background color of an element to YUV 88.8900, -30.0188, 15.0055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 92, 28) }
```

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

```
.background{ background-color: rgb(106, 92,  
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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