

Converting Colors

YUV(88.4240, -16.4780,
11.9062)

Have a look what the booklet for
YUV(88.4240, -16.4780, 11.9062)
contains.

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Color

**YUV(88.4240, -16.4780,
11.9062)**

Conversions

Conversions Part 1

Format	Color
Hex	665837
RGB	102, 88, 55
RGB Percent	40%, 35%, 22%
CMY	0.6000, 0.6549, 0.7843
CMYK	0.00, 0.14, 0.46, 0.60
HSL	42°, 30%, 31%
HSV	42°, 46%, 40%
XYZ	9.6588, 10.0801, 5.0510
YIQ	88.4240, 18.9370, -7.2950

Conversions

Conversions Part 2

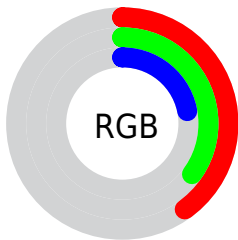
Format	Color
R_{YB}	75, 102, 55
Decimal	6707255
CIE _{Lab}	37.99, 0.63, 21.22
CIE _{LCh}	38, 21.226, 88.300
Yxy	10.0801, 0.3896, 0.4066
Android (android.graphics.Color)	4284897335 (0xFF665837)
YUV	88.4240, -16.4780, 11.9062
Hunter-Lab	31.7491, -1.2572, 12.7919

Details

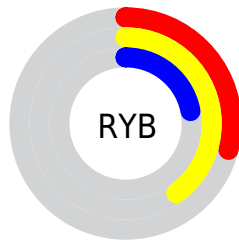
The YUV color **88.4240, -16.4780, 11.9062** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **68.5760, 16.4780, -11.9062**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.6800, -18.0832, 13.4356**, and **42.6410, -15.5990, 9.9618** is the 20% darker color. If you saturate the color by 10%, you get **85.5230, -19.9778, 14.4503**, and if you desaturate by 10%, it is **91.3250, -12.9782, 9.3620**.

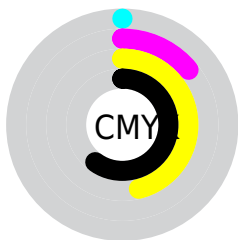
Distribution



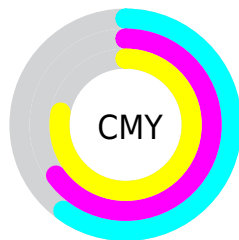
- Red (40%)
- Green (35%)
- Blue (22%)



- Red (29%)
- Yellow (40%)
- Blue (22%)



- Cyan (0%)
- Magenta (14%)
- Yellow (46%)
- Black (60%)



- Cyan (60%)
- Magenta (65%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.4240, -16.4780, 11.9062 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 88.4240, -16.4780, 11.9062 by changing the saturation by 10% instead.

■ 88.4240, -16.4780,
11.9062

■ 88.4240, -16.4780,
11.9062

■ 255.0000, 0.0000,
0.0000

■ 64.9400, -15.7464,
10.5766

■ 138.6800,
-18.0832, 13.4356

■ 42.6410, -15.5990,
9.9618

■ 164.9790,
-18.2306, 14.0504

■ 22.4820, -11.0836,
8.3473

■ 192.1640,
-18.8149, 14.7652

■ 0.0000, 0.0000,
0.0000

■ 220.3490,
-19.3991, 15.4799

■ 244.9460,
-18.2144, 8.8174

■ 252.8340, -8.2992,

1.8996

■ 88.4240, -16.4780,
11.9062

■ 88.4240, -16.4780,
11.9062

■ 85.5230, -19.9778,
14.4503

■ 91.3250, -12.9782,
9.3620

■ 82.6220, -23.4776,
16.9945

■ 94.2260, -9.4784,
6.8178

■ 79.6070, -27.4143,
19.6387

■ 97.2410, -5.5418,
4.1736

■ 76.7060, -30.9141,
22.1828

■ 100.1420, -2.0420,
1.6295

■ 73.8050, -34.4139,
24.7270

■ 103.0430, 1.4578,
-0.9147

■ 72.7620, -35.8717,
25.6417

■ 105.9440, 4.9576,
-3.4589

■ 108.8450, 8.4574,
-6.0031

■ 111.8600, 12.3940,
-8.6472

■ 114.7610, 15.8938,
-11.1914

Harmonies

Analogous

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



89.7720, -14.1846, 23.0020



88.4240, -16.4780, 11.9062



86.4330, -13.5245, -2.1337

Triad

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



88.4240, -16.4780, 11.9062



78.1670, 13.2287, -43.1195



92.1620, 7.8081, 15.6439

Complementary

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



88.4240, -16.4780, 11.9062



68.5760, 16.4780, -11.9062

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.



90.4850, 14.5509, -0.4253



88.4240, -16.4780, 11.9062



81.1660, 18.1592, -37.8566

Square

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



88.4240, -16.4780, 11.9062



81.0020, 3.4500, -33.3278



86.5750, 17.9575, -19.7983



91.1650, -0.0813, 26.1653

Rectangle

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



88.4240, -16.4780, 11.9062



85.1050, -9.4188, -12.3701



86.5750, 17.9575, -19.7983



91.4110, 10.1504, 11.0406

Sweetspot

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



88.4240, -16.4780, 11.9062



127.3120, -6.5628, 4.9884



70.6490, -0.8130, 27.4948



62.9850, -3.9366, 2.6442



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



88.4240, -16.4780, 11.9062



111.7640, -25.5197, 18.6240



93.9510, -19.2028, -0.8340



49.2560, -1.6052, 1.5295



81.9320, -40.3925, 29.0006



172.1480, -84.8690, 61.2602

Inverse Universe

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



68.5760, 16.4780, -11.9062



80.6490, 25.8090, -18.1092



63.0490, 19.2028, 0.8340



47.1570, 1.8946, -1.0147



33.0680, 40.3925, -29.0006



69.8520, 84.8690, -61.2602

Previews

White Background



This preview shows how the YUV color 88.4240, -16.4780, 11.9062 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 88.4240, -16.4780, 11.9062 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

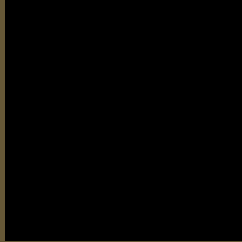
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 88.4240, -16.4780, 11.9062

Background



This preview shows how black text looks on a background with the YUV color 88.4240, -16.4780, 11.9062.



This preview shows how white text looks on a background with the YUV color 88.4240, -16.4780,

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

88.4240, -16.4780, 11.9062

Protanopia

88.5160, -16.0304, 8.3175

Deuteranopia

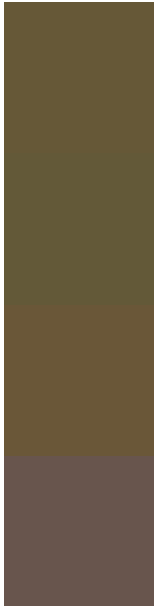
89.1580, -16.3469, 16.5244



Tritanopia

90.9630, -0.4748, 12.3104

Trichromacy



Original Color

88.4240, -16.4780, 11.9062

Protanomaly

88.2280, -15.8884, 9.4470

Deuteranomaly

89.1470, -16.3415, 14.7801

Tritanomaly

89.7690, -6.2951, 12.4806

Monochromacy



Original Color

88.4240, -16.4780, 11.9062

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

88.1270, -5.9786, 4.2736

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.4240, -16.4780, 11.9062 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(102, 88, 55)` looks like.

```
.text, #text, p{  
    color:rgb(102, 88, 55)  
}
```

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(102, 88, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 88, 55) }
```

Border

The CSS property to change the border of an element to YUV 88.4240, -16.4780, 11.9062 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(102, 88, 55) }
```


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

```
.border{ border-color:rgb(102, 88, 55) }
```

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

Here you see how a box with a 4 pixel rgb(102, 88, 55) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 88, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 88, 55);  
box-shadow:4px 4px 4px 4px rgb(102, 88,  
55) }
```

Background

The CSS property to change the background color of an element to YUV 88.4240, -16.4780, 11.9062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 88, 55) }
```

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

```
.background{ background-color: rgb(102, 88,  
55) }
```

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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