

Converting Colors

YUV(87.5480, -11.1162,
18.8134)

Have a look what the booklet for
YUV(87.5480, -11.1162, 18.8134)
contains.

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Color

**YUV(87.5480, -11.1162,
18.8134)**

Conversions

Conversions Part 1

Format	Color
Hex	6D5141
RGB	109, 81, 65
RGB Percent	43%, 32%, 25%
CMY	0.5725, 0.6824, 0.7451
CMYK	0.00, 0.26, 0.40, 0.57
HSL	22°, 25%, 34%
HSV	22°, 40%, 43%
XYZ	10.2032, 9.5177, 6.3004
YIQ	87.5480, 21.8240, 0.9600

Conversions

Conversions Part 2

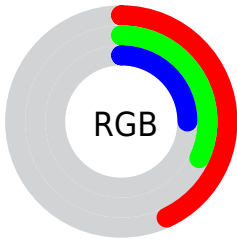
Format	Color
R_{YB}	109, 90, 65
Decimal	7164225
CIE _{Lab}	36.96, 9.34, 13.96
CIE _{LCh}	37, 16.797, 56.200
Yxy	9.5177, 0.3921, 0.3658
Android (android.graphics.Color)	4285354305 (0xFF6D5141)
YUV	87.5480, -11.1162, 18.8134
Hunter-Lab	30.8508, 5.0461, 9.4873

Details

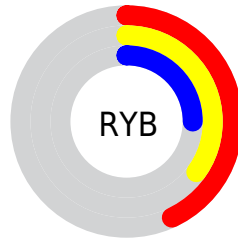
The YUV color $87.5480, -11.1162, 18.8134$ is a dark color, and the websafe version is hex 663333 . A complement of this color would be $86.4520, 11.1162, -18.8134$, and the grayscale version is $88.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $137.6300, -12.1426, 21.3725$, and $41.5800, -9.6529, 16.1543$ is the 20% darker color. If you saturate the color by 10%, you get $82.1850, -13.8952, 23.5168$, and if you desaturate by 10%, it is $92.9110, -8.3371, 14.1101$.

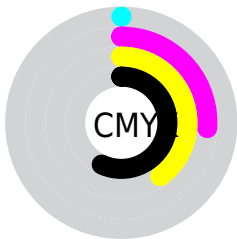
Distribution



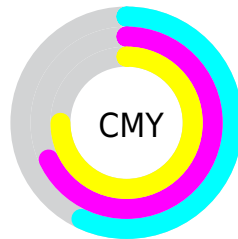
- Red (43%)
- Green (32%)
- Blue (25%)



- Red (43%)
- Yellow (35%)
- Blue (25%)



- Cyan (0%)
- Magenta (26%)
- Yellow (40%)
- Black (57%)



- Cyan (57%)
- Magenta (68%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.5480, -11.1162, 18.8134 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 87.5480, -11.1162, 18.8134 by changing the saturation by 10% instead.

■ 87.5480, -11.1162,
18.8134

■ 87.5480, -11.1162,
18.8134

■ 255.0000, 0.0000,
0.0000

■ 64.0640, -10.3846,
17.4839

■ 137.6300,
-12.1426, 21.3725

■ 41.5800, -9.6529,
16.1543

■ 163.8150,
-12.7268, 22.0872

■ 20.7540, -10.2317,
15.1247

■ 191.1140,
-12.8742, 22.7020

■ 0.0000, 0.0000,
0.0000

■ 219.2990,
-13.4584, 23.4168

■ 241.6180,
-10.6577, 11.7360

■ 254.2020, -3.0576,

0.6998

■ 87.5480, -11.1162,
18.8134

■ 87.5480, -11.1162,
18.8134

■ 82.1850, -13.8952,
23.5168

■ 92.9110, -8.3371,
14.1101

■ 76.8220, -16.6742,
28.2201

■ 98.2740, -5.5581,
9.4067

■ 71.4590, -19.4533,
32.9235

■ 103.6370, -2.7790,
4.7034

■ 66.0960, -22.2323,
37.6268

■ 109.0000, 0.0000,
0.0000

■ 60.7330, -25.0114,
42.3302

■ 114.2490, 2.3422,
-4.6034

■ 56.0710, -27.6430,
46.4187

■ 119.6120, 5.1213,
-9.3067

■ 124.9750, 7.9003,
-14.0101

■ 129.7510, 10.9688,
-18.1986

■ 135.1140, 13.7478,
-22.9020

Harmonies

Analogous

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



88.5360, -6.1802, 22.3319



87.5480, -11.1162, 18.8134



86.0370, -12.8362, 10.4916

Triad

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



87.5480, -11.1162, 18.8134



81.0140, 1.9651, -23.6913



87.9750, 11.3513, -0.8551

Complementary

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



87.5480, -11.1162, 18.8134



86.4520, 11.1162, -18.8134

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.



85.2720, 14.1629, -16.0245



87.5480, -11.1162, 18.8134



80.1040, 8.8227, -29.9092

Square

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



87.5480, -11.1162, 18.8134



83.4300, -5.6350, -12.6551



81.6790, 13.4693, -26.9055



89.3850, 6.2192, 11.9404

Rectangle

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



87.5480, -11.1162, 18.8134



85.2210, -11.9410, 3.3142



81.6790, 13.4693, -26.9055



87.2840, 12.6780, -6.3881

Sweetspot

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



87.5480, -11.1162, 18.8134



134.6050, -4.2423, 7.3624



81.4620, 6.1812, 24.1508



66.3380, -2.6316, 4.0886



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



87.5480, -11.1162, 18.8134



109.3060, -17.4059, 29.5496



99.8750, -17.1934, 8.0026



50.9680, -1.4632, 2.6591



60.2240, -29.6904, 49.7926



125.4980, -61.8705, 104.8033

Inverse Universe

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



86.4520, 11.1162, -18.8134



107.6940, 17.4059, -29.5496



74.1250, 17.1934, -8.0026



51.0320, 1.4632, -2.6591



57.3630, 29.4010, -50.3074



119.5020, 61.8705, -104.8033

Previews

White Background



This preview shows how the YUV color 87.5480, -11.1162, 18.8134 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 ✓ Pass

Black Background



This preview shows how the YUV color 87.5480, -11.1162, 18.8134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 87.5480, -11.1162, 18.8134

Background



This preview shows how black text looks on a background with the YUV color 87.5480, -11.1162, 18.8134.



This preview shows how white text looks on a background with the YUV color 87.5480, -11.1162,

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

87.5480, -11.1162, 18.8134

Protanopia

86.6280, -9.1836, 5.5882

Deuteranopia

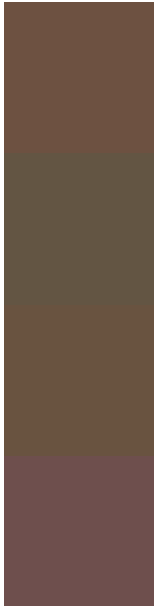
87.4010, -11.5367, 13.6803



Tritanopia

88.5510, -2.2436, 19.6878

Trichromacy



Original Color

87.5480, -11.1162, 18.8134

Protanomaly

87.1340, -9.9261, 10.4065

Deuteranomaly

87.4120, -11.5421, 15.4247

Tritanomaly

88.0410, -5.4432, 19.2580

Monochromacy



Original Color

87.5480, -11.1162, 18.8134

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

87.7190, -3.8055, 7.2624

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.5480, -11.1162, 18.8134 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(109, 81, 65)` looks like.

```
.text, #text, p{  
    color:rgb(109, 81, 65)  
}
```

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(109, 81, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 81, 65) }
```

Border

The CSS property to change the border of an element to YUV 87.5480, -11.1162, 18.8134 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(109, 81, 65) }
```


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

```
.border{ border-color:rgb(109, 81, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 81, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 81, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 81, 65);  
box-shadow:4px 4px 4px 4px rgb(109, 81,  
65) }
```

Background

The CSS property to change the background color of an element to YUV 87.5480, -11.1162, 18.8134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 81, 65) }
```

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

```
.background{ background-color: rgb(109, 81,  
65) }
```

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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