

Converting Colors

YUV(87.8160, -17.6573,
16.8244)

Have a look what the booklet for
YUV(87.8160, -17.6573, 16.8244)
contains.

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Color

**YUV(87.8160, -17.6573,
16.8244)**

Conversions

Conversions Part 1

Format	Color
Hex	6B5534
RGB	107, 85, 52
RGB Percent	42%, 33%, 20%
CMY	0.5804, 0.6667, 0.7961
CMYK	0.00, 0.21, 0.51, 0.58
HSL	36°, 35%, 31%
HSV	36°, 51%, 42%
XYZ	9.9317, 9.8707, 4.6306
YIQ	87.8160, 23.7050, -5.5990

Conversions

Conversions Part 2

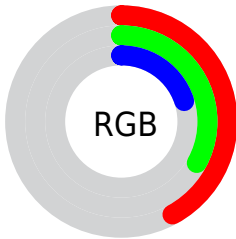
Format	Color
R _Y B	89, 107, 52
Decimal	7034164
CIE Lab	37.61, 4.43, 22.62
CIE LCh	38, 23.049, 78.921
Yxy	9.8707, 0.4065, 0.4040
Android (android.graphics.Color)	4285224244 (0xFF6B5534)
YUV	87.8160, -17.6573, 16.8244
Hunter-Lab	31.4177, 1.4462, 13.2538

Details

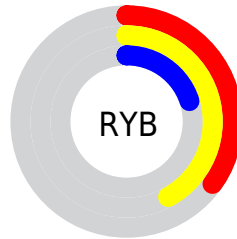
The YUV color $87.8160, -17.6573, 16.8244$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $71.1840, 17.6573, -16.8244$, and the grayscale version is $88.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $138.3710, -19.4099, 18.9686$, and $41.6200, -17.0677, 14.3653$ is the 20% darker color. If you saturate the color by 10%, you get $84.2140, -21.3045, 19.9833$, and if you desaturate by 10%, it is $91.4180, -14.0101, 13.6654$.

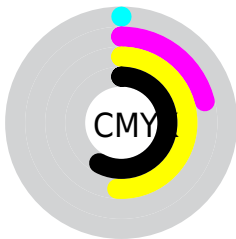
Distribution



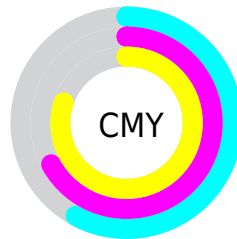
- Red (42%)
- Green (33%)
- Blue (20%)



- Red (35%)
- Yellow (42%)
- Blue (20%)



- Cyan (0%)
- Magenta (21%)
- Yellow (51%)
- Black (58%)



- Cyan (58%)
- Magenta (67%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.8160, -17.6573, 16.8244 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 87.8160, -17.6573, 16.8244 by changing the saturation by 10% instead.

87.8160, -17.6573,
16.8244

87.8160, -17.6573,
16.8244

255.0000, 0.0000,
0.0000

64.3320, -16.9257,
15.4948

138.3710,
-19.4099, 18.9686

41.6200, -17.0677,
14.3653

164.5560,
-19.9941, 19.6834

22.2050, -10.9471,
11.2212

192.0400,
-20.7257, 21.0129

0.0000, 0.0000,
0.0000

219.3390,
-20.8731, 21.6277

242.8430,
-18.6566, 10.6617

252.4920, -9.6096,

2.1995

■ 87.8160, -17.6573,
16.8244

■ 87.8160, -17.6573,
16.8244

■ 84.2140, -21.3045,
19.9833

■ 91.4180, -14.0101,
13.6654

■ 80.1390, -24.2255,
23.5571

■ 95.4930, -11.0890,
10.0916

■ 76.5370, -27.8727,
26.7161

■ 99.0950, -7.4418,
6.9327

■ 72.9350, -31.5200,
29.8750

■ 102.6970, -3.7946,
3.7737

■ 69.5610, -34.2936,
32.8340

■ 106.2990, -0.1474,
0.6148

■ 110.3740, 2.7736,
-2.9590

■ 113.9760, 6.4208,
-6.1180

■ 117.5780, 10.0680,
-9.2769

■ 121.6530, 12.9891,
-12.8507

Harmonies

Analogous

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



89.2070, -13.9061, 27.0055



87.8160, -17.6573, 16.8244



86.0700, -16.3035, 2.5696

Triad

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



87.8160, -17.6573, 16.8244



74.6070, 12.5187, -48.7673



91.2370, 10.7292, 12.0702

Complementary

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



87.8160, -17.6573, 16.8244



71.1840, 17.6573, -16.8244

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.



88.8370, 17.3354, -6.8730



87.8160, -17.6573, 16.8244



75.8440, 19.7969, -49.8522

Square

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



87.8160, -17.6573, 16.8244



79.9160, 0.5344, -31.4983



83.2040, 20.6054, -29.1199



90.8490, 2.5394, 25.5654

Rectangle

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



87.8160, -17.6573, 16.8244



84.3290, -12.4872, -8.1815



83.2040, 20.6054, -29.1199



90.7740, 12.9294, 6.3372

Sweetspot

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



87.8160, -17.6573, 16.8244



132.9100, -6.8576, 6.2179



70.9530, 1.5022, 31.6132



66.6970, -3.7946, 3.7737



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.



87.8160, -17.6573, 16.8244



109.5370, -27.8727, 26.7161



99.2350, -23.2869, 2.4249



51.5550, -1.7526, 2.1443



76.0730, -37.5040, 35.8930



159.5440, -78.6552, 74.9449

Inverse Universe

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



71.1840, 17.6573, -16.8244



83.4630, 27.8727, -26.7161



59.7650, 23.2869, -2.4249



49.8580, 2.0420, -1.6295



40.9270, 37.5040, -35.8930



85.4560, 78.6552, -74.9449

Previews

White Background



This preview shows how the YUV color 87.8160, -17.6573, 16.8244 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 87.8160, -17.6573, 16.8244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

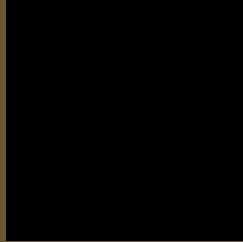
Any Text WCAG AA × Fail

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 87.8160, -17.6573, 16.8244 Background



This preview shows how black text looks on a background with the YUV color 87.8160, -17.6573, 16.8244.



This preview shows how white text looks on a background with the YUV color 87.8160, -17.6573,

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

87.8160, -17.6573, 16.8244

Protanopia

87.2880, -16.9040, 8.5174

Deuteranopia

88.1150, -17.8047, 17.4391



Tritanopia

90.3550, -1.6540, 17.2287

Trichromacy



Original Color

87.8160, -17.6573, 16.8244

Protanomaly

87.8970, -17.2042, 11.4913

Deuteranomaly

88.1150, -17.8047, 17.4391

Tritanomaly

89.1610, -7.4744, 17.3988

Monochromacy



Original Color

87.8160, -17.6573, 16.8244

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

88.0240, -6.4208, 6.1180

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.8160, -17.6573, 16.8244 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(107, 85, 52)` looks like.

```
.text, #text, p{  
    color:rgb(107, 85, 52)  
}
```

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(107, 85, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 85, 52) }
```

Border

The CSS property to change the border of an element to YUV 87.8160, -17.6573, 16.8244 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(107, 85, 52) }
```


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

```
.border{ border-color:rgb(107, 85, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 85, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 85, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 85, 52);  
box-shadow:4px 4px 4px 4px rgb(107, 85,  
52) }
```

Background

The CSS property to change the background color of an element to YUV 87.8160, -17.6573, 16.8244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 85, 52) }
```

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

```
.background{ background-color: rgb(107, 85,  
52) }
```

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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