

Converting Colors

YUV(85.4020, -16.4672, 8.4174)

Have a look what the booklet for
YUV(85.4020, -16.4672, 8.4174)
contains.

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Color

**YUV(85.4020, -16.4672,
8.4174)**

Conversions

Conversions Part 1

Format	Color
Hex	5F5734
RGB	95, 87, 52
RGB Percent	37%, 34%, 20%
CMY	0.6275, 0.6588, 0.7961
CMYK	0.00, 0.08, 0.45, 0.63
HSL	49°, 29%, 29%
HSV	49°, 45%, 37%
XYZ	8.7473, 9.4972, 4.6209
YIQ	85.4020, 16.0030, -9.1890

Conversions

Conversions Part 2

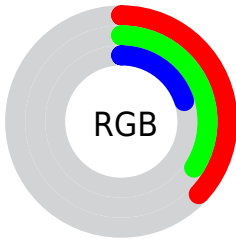
Format	Color
RYB	62, 95, 52
Decimal	6248244
CIELab	36.92, -2.38, 21.49
CIELCh	37, 21.618, 96.318
Yxy	9.4972, 0.3826, 0.4154
Android (android.graphics.Color)	4284438324 (0xFF5F5734)
YUV	85.4020, -16.4672, 8.4174
Hunter-Lab	30.8176, -3.2648, 12.6821

Details

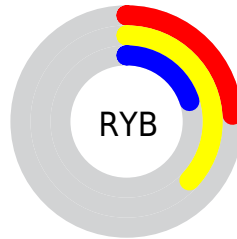
The YUV color **85.4020, -16.4672, 8.4174** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **61.5980, 16.4672, -8.4174**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.3590, -17.9250, 9.3322**, and **39.8040, -16.1724, 7.1879** is the 20% darker color. If you saturate the color by 10%, you get **83.2020, -19.8196, 10.3468**, and if you desaturate by 10%, it is **87.7160, -12.6780, 6.3881**.

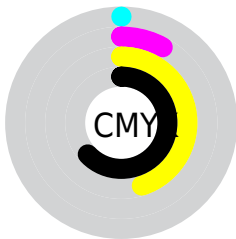
Distribution



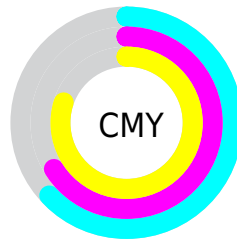
- Red (37%)
- Green (34%)
- Blue (20%)



- Red (24%)
- Yellow (37%)
- Blue (20%)



- Cyan (0%)
- Magenta (8%)
- Yellow (45%)
- Black (63%)



- Cyan (63%)
- Magenta (66%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.4020, -16.4672, 8.4174 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 85.4020, -16.4672, 8.4174 by changing the saturation by 10% instead.

85.4020, -16.4672,
8.4174

85.4020, -16.4672,
8.4174

255.0000, 0.0000,
0.0000

62.2170, -15.8830,
7.7027

135.3590,
-17.9250, 9.3322

39.8040, -16.1724,
7.1879

161.5440,
-18.5092, 10.0469

20.3890, -10.0518,
4.0438

188.7290,
-19.0934, 10.7617

0.0000, 0.0000,
0.0000

216.6150,
-19.5302, 10.8616

244.0170,
-19.2354, 9.6321

252.4920, -9.6096,

2.1995

■ 85.4020, -16.4672,
8.4174

■ 85.4020, -16.4672,
8.4174

■ 83.2020, -19.8196,
10.3468

■ 87.7160, -12.6780,
6.3881

■ 80.8880, -23.6088,
12.3762

■ 89.9160, -9.3256,
4.4587

■ 79.1610, -27.6874,
13.8908

■ 91.6430, -5.2470,
2.9441

■ 76.9610, -31.0398,
15.8202

■ 93.8430, -1.8946,
1.0147

■ 74.6470, -34.8290,
17.8496

■ 96.1570, 1.8946,
-1.0147

■ 73.6040, -36.2868,
18.7643

■ 98.3570, 5.2470,
-2.9441

■ 100.0840, 9.3256,
-4.4587

■ 102.2840, 12.6780,
-6.3881

■ 104.5980, 16.4672,
-8.4174

Harmonies

Analogous

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



86.7070, -15.6316, 20.4280



85.4020, -16.4672, 8.4174



83.3400, -12.4926, -6.4372

Triad

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



85.4020, -16.4672, 8.4174



74.5410, 16.0023, -46.0785



89.6140, 5.6133, 19.6325

Complementary

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



85.4020, -16.4672, 8.4174



61.5980, 16.4672, -8.4174

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.



88.7630, 12.9348, 4.5928



85.4020, -16.4672, 8.4174



79.4160, 19.0219, -34.5678

Square

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



85.4020, -16.4672, 8.4174



76.7780, 6.5184, -37.5163



85.1950, 17.6519, -15.0800



88.6060, -2.2708, 28.4095

Rectangle

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



85.4020, -16.4672, 8.4174



81.3540, -7.0765, -16.9735



85.1950, 17.6519, -15.0800



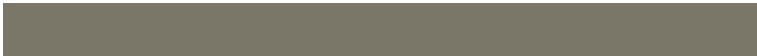
89.2760, 8.2449, 15.5439

Sweetspot

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



85.4020, -16.4672, 8.4174



118.3010, -6.5574, 3.2440



65.8830, -2.4073, 25.5356



58.6860, -3.7892, 2.0294



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



85.4020, -16.4672, 8.4174



107.4320, -25.3560, 12.7761



86.2110, -16.8660, -3.6930



47.5440, -1.7472, 0.3999



86.9050, -42.8442, 22.0083



186.2250, -91.8089, 47.1607

Inverse Universe

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



61.5980, 16.4672, -8.4174



71.1550, 25.0666, -13.2909



60.7890, 16.8660, 3.6930



45.0430, 1.4578, -0.9147



25.0950, 42.8442, -22.0083



53.7750, 91.8089, -47.1607

Previews

White Background



This preview shows how the YUV color 85.4020, -16.4672, 8.4174 looks on a white background.

Color Contrast Check

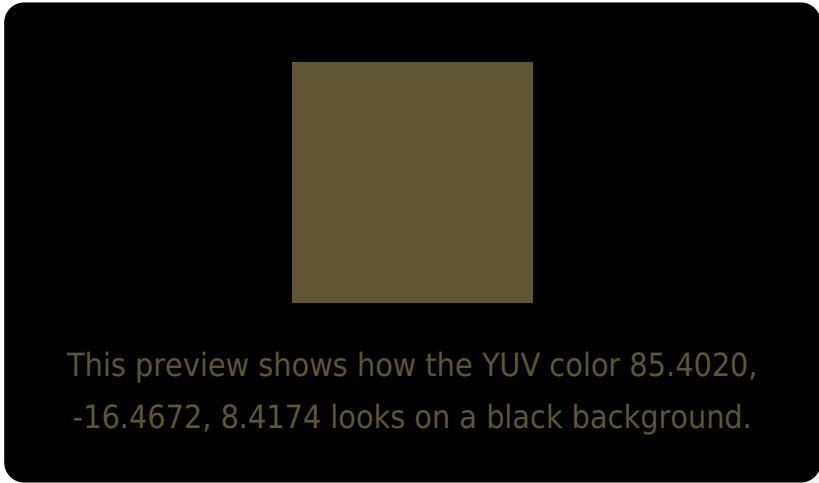
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

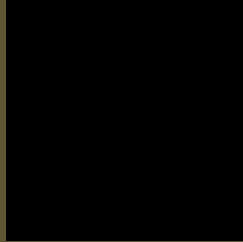
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.4020, -16.4672, 8.4174

Background



This preview shows how black text looks on a background with the YUV color 85.4020, -16.4672, 8.4174.

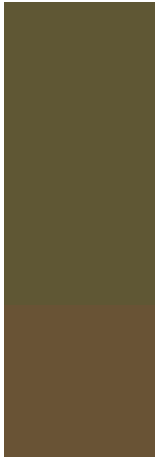


This preview shows how white text looks on a background with the YUV color 85.4020, -16.4672,

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

85.4020, -16.4672, 8.4174

Protanopia

85.4020, -16.4672, 8.4174

Deuteranopia

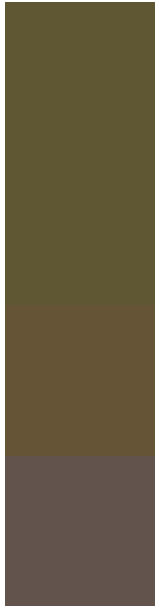
86.1580, -16.3469, 16.5244



Tritanopia

88.4680, 0.2623, 9.2366

Trichromacy



Original Color

85.4020, -16.4672, 8.4174

Protanomaly

85.4020, -16.4672, 8.4174

Deuteranomaly

85.5490, -16.0467, 13.5505

Tritanomaly

87.2740, -5.5581, 9.4067

Monochromacy



Original Color

85.4020, -16.4672, 8.4174

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

85.4150, -6.1206, 3.1440

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.4020, -16.4672, 8.4174 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(95, 87, 52)` looks like.

```
.text, #text, p{  
    color:rgb(95, 87, 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(95, 87, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 87, 52) }
```

Border

The CSS property to change the border of an element to YUV 85.4020, -16.4672, 8.4174 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(95, 87, 52) }
```


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

```
.border{ border-color:rgb(95, 87, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 87, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 87, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 87, 52);  
box-shadow:4px 4px 4px 4px rgb(95, 87, 52)  
}
```

Background

The CSS property to change the background color of an element to YUV 85.4020, -16.4672, 8.4174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 87, 52) }
```

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

```
.background{ background-color: rgb(95, 87,  
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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