

Converting Colors

YUV(84.5460, -4.7062, 16.1842)

Have a look what the booklet for
YUV(84.5460, -4.7062, 16.1842)
contains.

YUV(84.5460, -4.7062, 16.1842)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(84.5460, -4.7062,
16.1842)**

Conversions

Conversions Part 1

Format	Color
Hex	674D4B
RGB	103, 77, 75
RGB Percent	40%, 30%, 29%
CMY	0.5961, 0.6980, 0.7059
CMYK	0.00, 0.25, 0.27, 0.60
HSL	4°, 16%, 35%
HSV	4°, 27%, 40%
XYZ	9.5174, 8.6993, 7.8341
YIQ	84.5460, 16.1380, 4.8900

Conversions

Conversions Part 2

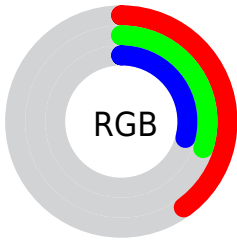
Format	Color
R_{YB}	103, 77, 75
Decimal	6769995
CIE _{Lab}	35.40, 10.64, 5.43
CIE _{LCh}	35, 11.944, 27.065
Yxy	8.6993, 0.3653, 0.3339
Android (android.graphics.Color)	4284960075 (0xFF674D4B)
YUV	84.5460, -4.7062, 16.1842
Hunter-Lab	29.4946, 5.9833, 4.8981




Details

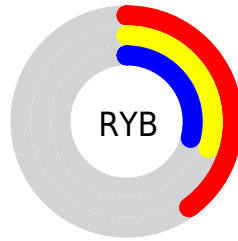
The YUV color **84.5460, -4.7062, 16.1842** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **93.4540, 4.7062, -16.1842**, and the grayscale version is **85.0000, 0.0000, 0.0000**.



A 20% lighter version of the original color is **134.4430, -5.1484, 18.0285**, and **39.3500, -4.1166, 13.7250** is the 20% darker color. If you saturate the color by 10%, you get **77.5360, -6.1802, 22.3319**, and if you desaturate by 10%, it is **91.5560, -3.2321, 10.0364**.

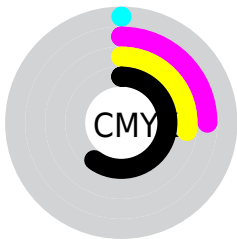
Distribution







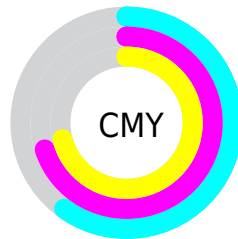
-  Red (40%)
-  Green (30%)
-  Blue (29%)






-  Red (40%)
-  Yellow (30%)
-  Blue (29%)



-  Cyan (0%)
-  Magenta (25%)
-  Yellow (27%)
-  Black (60%)



-  Cyan (60%)
-  Magenta (70%)
-  Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.5460, -4.7062, 16.1842 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 84.5460, -4.7062, 16.1842 by changing the saturation by 10% instead.

■ 84.5460, -4.7062,
16.1842

■ 84.5460, -4.7062,
16.1842

■ 255.0000, 0.0000,
0.0000

■ 61.2470, -4.5588,
15.5694

■ 134.4430, -5.1484,
18.0285

■ 39.3500, -4.1166,
13.7250

■ 160.6280, -5.7326,
18.7432

■ 17.4210, -5.1376,
14.5398

■ 187.9270, -5.8800,
19.3580

■ 0.0000, 0.0000,
0.0000

■ 215.3400, -5.5906,
19.8728

■ 240.6380, -4.2585,
12.5955

■ 84.5460, -4.7062,
16.1842

■ 84.5460, -4.7062,
16.1842

■ 77.5360, -6.1802,
22.3319

■ 91.5560, -3.2321,
10.0364

■ 70.9990, -8.3805,
28.0649

■ 98.0930, -1.0318,
4.3034

■ 63.9890, -9.8546,
34.2126

■ 105.1030, 0.4422,
-1.8443

■ 57.5660, -11.6180,
39.8456

■ 111.5260, 2.2057,
-7.4773

■ 50.5560, -13.0921,
45.9934

■ 118.6500, 4.1166,
-13.7250

■ 44.0190, -15.2924,
51.7263

■ 125.0730, 5.8800,
-19.3580

■ 37.0090, -16.7664,
57.8741

■ 132.0830, 7.3541,
-25.5058

■ 34.9060, -17.2087,

■ 139.0930, 8.8282,

59.7184

-31.6536

■ 145.6300, 11.0284,
-37.3865

Harmonies

Analogous

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



85.3870, -0.1908, 14.5696



84.5460, -4.7062, 16.1842



83.7260, -7.7529, 13.3953

Triad

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



84.5460, -4.7062, 16.1842



80.9080, -3.8986, -9.5663



82.1650, 9.7787, -9.7917

Complementary

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



84.5460, -4.7062, 16.1842



93.4540, 4.7062, -16.1842

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.



80.5940, 9.0742, -17.1839



84.5460, -4.7062, 16.1842



79.8300, 1.0698, -16.5139

Square

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



84.5460, -4.7062, 16.1842



81.6380, -7.7095, -0.5595



79.7740, 6.0274, -19.9728



84.0630, 7.8569, -0.0553

Rectangle

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



84.5460, -4.7062, 16.1842



83.0630, -8.9051, 9.5917



79.7740, 6.0274, -19.9728



81.5560, 10.0789, -12.7656

Sweetspot

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



84.5460, -4.7062, 16.1842



127.8760, -1.9109, 6.2477



86.3360, 7.2294, 14.6143



64.0930, -1.0318, 4.3034



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.



84.5460, -4.7062, 16.1842



105.9170, -7.3541, 25.5058



92.7640, -8.7577, 8.9770



47.4950, -0.7370, 3.0739



39.0810, -19.2669, 66.5810



82.3370, -40.5921, 140.0245

Inverse Universe

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



93.4540, 4.7062, -16.1842



120.0830, 7.3541, -25.5058



85.2360, 8.7577, -8.9770



49.5050, 0.7370, -3.0739



75.9190, 19.2669, -66.5810



159.6630, 40.5921, -140.0245

Previews

White Background



This preview shows how the YUV color 84.5460, -4.7062, 16.1842 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 84.5460, -4.7062, 16.1842 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

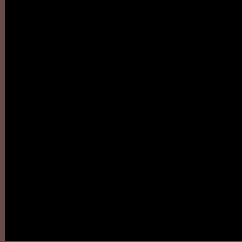
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 84.5460, -4.7062, 16.1842

Background



This preview shows how black text looks on a background with the YUV color 84.5460, -4.7062, 16.1842.

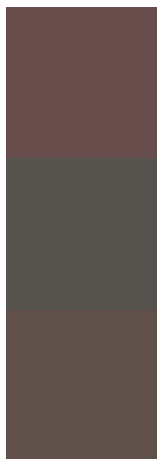


This preview shows how white text looks on a background with the YUV color 84.5460, -4.7062,

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

84.5460, -4.7062, 16.1842

Protanopia

83.3270, -2.6262, 2.3442

Deuteranopia

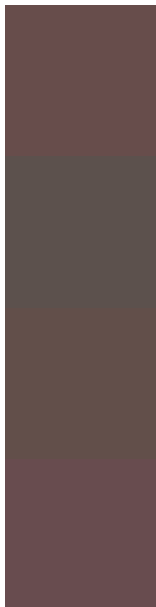
83.8010, -4.8319, 9.8215



Tritanopia

85.0560, -1.5066, 16.6139

Trichromacy



Original Color

84.5460, -4.7062, 16.1842

Protanomaly

83.8330, -3.3687, 7.1625

Deuteranomaly

84.1110, -4.9847, 12.1807

Tritanomaly

84.7140, -2.8170, 16.9138

Monochromacy



Original Color

84.5460, -4.7062, 16.1842

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

84.8760, -1.9109, 6.2477

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.5460, -4.7062, 16.1842 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(103, 77, 75)` looks like.

```
.text, #text, p{  
    color:rgb(103, 77, 75)  
}
```

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(103, 77, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 77, 75) }
```

Border

The CSS property to change the border of an element to YUV 84.5460, -4.7062, 16.1842 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(103, 77, 75) }
```


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

```
.border{ border-color:rgb(103, 77, 75) }
```

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

Here you see how a box with a 4 pixel rgb(103, 77, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 77, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 77, 75);  
box-shadow:4px 4px 4px 4px rgb(103, 77,  
75) }
```

Background

The CSS property to change the background color of an element to YUV 84.5460, -4.7062, 16.1842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 77, 75) }
```

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

```
.background{ background-color: rgb(103, 77,  
75) }
```

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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