

Converting Colors

YUV(80.0660, -16.7945,
20.1131)

Have a look what the booklet for
YUV(80.0660, -16.7945, 20.1131)
contains.

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Color

**YUV(80.0660, -16.7945,
20.1131)**

Conversions

Conversions Part 1

Format	Color
Hex	674B2E
RGB	103, 75, 46
RGB Percent	40%, 29%, 18%
CMY	0.5961, 0.7059, 0.8196
CMYK	0.00, 0.27, 0.55, 0.60
HSL	31°, 38%, 29%
HSV	31°, 55%, 40%
XYZ	8.6027, 8.1130, 3.6973
YIQ	80.0660, 25.9970, -3.0830

Conversions

Conversions Part 2

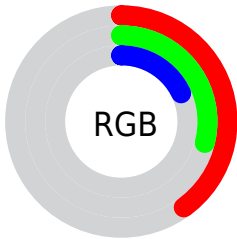
Format	Color
R_{YB}	101, 103, 46
Decimal	6769454
CIE _{Lab}	34.22, 8.04, 21.82
CIE _{LCh}	34, 23.251, 69.769
Yxy	8.1130, 0.4214, 0.3974
Android (android.graphics.Color)	4284959534 (0xFF674B2E)
YUV	80.0660, -16.7945, 20.1131
Hunter-Lab	28.4833, 4.0662, 12.2421

Details

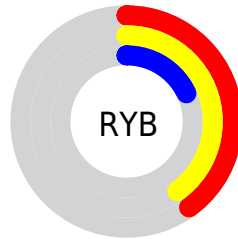
The YUV color **80.0660, -16.7945, 20.1131** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **68.9340, 16.7945, -20.1131**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.9200, -18.6946, 22.8722**, and **34.3430, -16.9311, 17.2392** is the 20% darker color. If you saturate the color by 10%, you get **75.9910, -19.7156, 23.6869**, and if you desaturate by 10%, it is **84.1410, -13.8735, 16.5393**.

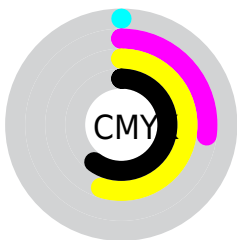
Distribution



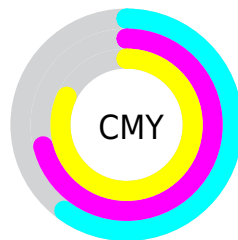
- Red (40%)
- Green (29%)
- Blue (18%)



- Red (40%)
- Yellow (40%)
- Blue (18%)



- Cyan (0%)
- Magenta (27%)
- Yellow (55%)
- Black (60%)



- Cyan (60%)
- Magenta (71%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.0660, -16.7945, 20.1131 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 80.0660, -16.7945, 20.1131 by changing the saturation by 10% instead.

■ 80.0660, -16.7945,
20.1131

■ 80.0660, -16.7945,
20.1131

■ 255.0000, 0.0000,
0.0000

■ 56.6960, -15.6261,
18.6836

■ 129.9200,
-18.6946, 22.8722

■ 34.3430, -16.9311,
17.2392

■ 156.1050,
-19.2788, 23.5869

■ 13.9650, -6.8847,
14.9397

■ 183.0020,
-19.7210, 25.4312

■ 0.0000, 0.0000,
0.0000

■ 210.8880,
-20.1578, 25.5312

■ 234.8870,
-18.6783, 17.6391

■ 251.5800,

-13.1039, 2.9993

254.8860, -0.4368,
0.1000

■ 80.0660, -16.7945,
20.1131

■ 80.0660, -16.7945,
20.1131

■ 75.9910, -19.7156,
23.6869

■ 84.1410, -13.8735,
16.5393

■ 71.8020, -23.0734,
27.3606

■ 88.3300, -10.5157,
12.8656

■ 67.7270, -25.9944,
30.9344

■ 92.4050, -7.5947,
9.2918

■ 63.6520, -28.9154,
34.5082

■ 96.4800, -4.6736,
5.7180

■ 61.3210, -30.2313,
36.5525

■ 100.6690, -1.3158,
2.0443

■ 104.7440, 1.6052,
-1.5295

■ 108.8190, 4.5262,
-5.1033

■ 112.8940, 7.4473,
-8.6770

■ 117.6700, 10.5157,
-12.8656

Harmonies

Analogous

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



81.2010, -11.4381, 28.7647



80.0660, -16.7945, 20.1131



78.4620, -17.4828, 7.4878

Triad

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



80.0660, -16.7945, 20.1131



66.2220, 9.7506, -47.5527



82.1870, 13.2188, 6.8520

Complementary

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



80.0660, -16.7945, 20.1131



68.9340, 16.7945, -20.1131

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.



79.1350, 18.6674, -14.1504



80.0660, -16.7945, 20.1131



63.9850, 19.2344, -56.1148

Square

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



80.0660, -16.7945, 20.1131



72.7380, -2.8288, -26.0802



71.9640, 21.2167, -38.5564



82.9240, 5.4605, 21.9917

Rectangle

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



80.0660, -16.7945, 20.1131



77.1940, -14.3926, -3.6781



71.9640, 21.2167, -38.5564



81.8980, 14.8403, 0.0895

Sweetspot

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



80.0660, -16.7945, 20.1131



125.9210, -6.8631, 7.9623



66.3490, 4.2649, 32.1429



63.2950, -4.0894, 5.0033



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.



80.0660, -16.7945, 20.1131



99.0260, -26.1418, 31.5492



96.5020, -24.8975, 5.6987



48.6690, -1.3158, 2.0443



68.4310, -33.7365, 40.8410



144.5590, -71.2676, 85.4558

Inverse Universe

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



68.9340, 16.7945, -20.1131



81.9740, 26.1418, -31.5492



52.4980, 24.8975, -5.6987



47.7440, 1.6052, -1.5295



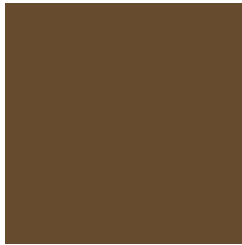
45.9820, 34.0259, -40.3262



97.4410, 71.2676, -85.4558

Previews

White Background



This preview shows how the YUV color 80.0660, -16.7945, 20.1131 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 80.0660, -16.7945, 20.1131 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 80.0660, -16.7945, 20.1131

Background



This preview shows how black text looks on a background with the YUV color 80.0660, -16.7945, 20.1131.



This preview shows how white text looks on a background with the YUV color 80.0660, -16.7945,

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

80.0660, -16.7945, 20.1131

Protanopia

79.3310, -15.4462, 7.6027

Deuteranopia

79.7450, -16.6363, 16.0096



Tritanopia

81.8500, -2.3911, 20.3025

Trichromacy



Original Color

80.0660, -16.7945, 20.1131

Protanomaly

79.5380, -16.0412, 11.8062

Deuteranomaly

79.7560, -16.6417, 17.7540

Tritanomaly

80.8840, -7.3378, 20.2727

Monochromacy



Original Color

80.0660, -16.7945, 20.1131

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

79.8500, -5.8420, 7.1476

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.0660, -16.7945, 20.1131 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, 75, 46)` looks like.

```
.text, #text, p{  
    color:rgb(103, 75, 46)  
}
```

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, 75, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 75, 46) }
```

Border

The CSS property to change the border of an element to YUV 80.0660, -16.7945, 20.1131 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, 75, 46) }
```


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

```
.border{ border-color:rgb(103, 75, 46) }
```

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

Here you see how a box with a 4 pixel rgb(103, 75, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 75, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 75, 46);  
box-shadow:4px 4px 4px 4px rgb(103, 75,  
46) }
```

Background

The CSS property to change the background color of an element to YUV 80.0660, -16.7945, 20.1131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 75, 46) }
```

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

```
.background{ background-color: rgb(103, 75,  
46) }
```

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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