

Converting Colors

YUV(80.5390, -17.5207,
19.6983)

Have a look what the booklet for
YUV(80.5390, -17.5207, 19.6983)
contains.

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Color

**YUV(80.5390, -17.5207,
19.6983)**

Conversions

Conversions Part 1

Format	Color
Hex	674C2D
RGB	103, 76, 45
RGB Percent	40%, 30%, 18%
CMY	0.5961, 0.7020, 0.8235
CMYK	0.00, 0.26, 0.56, 0.60
HSL	32°, 39%, 29%
HSV	32°, 56%, 40%
XYZ	8.6516, 8.2419, 3.6175
YIQ	80.5390, 26.0430, -3.9170

Conversions

Conversions Part 2

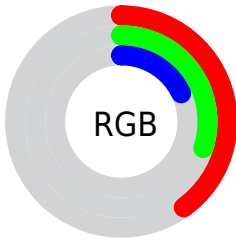
Format	Color
R_{YB}	96, 103, 45
Decimal	6769709
CIE _{Lab}	34.48, 7.32, 22.74
CIE _{LCh}	34, 23.892, 72.150
Yxy	8.2419, 0.4218, 0.4018
Android (android.graphics.Color)	4284959789 (0xFF674C2D)
YUV	80.5390, -17.5207, 19.6983
Hunter-Lab	28.7087, 3.5522, 12.6252

Details

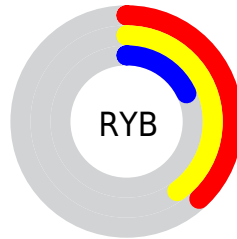
The YUV color **80.5390, -17.5207, 19.6983** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **67.4610, 17.5207, -19.6983**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.3930, -19.4207, 22.4573**, and **34.9300, -17.2205, 16.7244** is the 20% darker color. If you saturate the color by 10%, you get **76.4640, -20.4418, 23.2721**, and if you desaturate by 10%, it is **84.6140, -14.5997, 16.1245**.

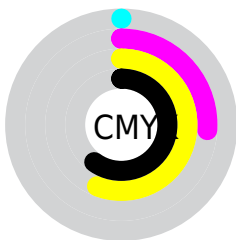
Distribution



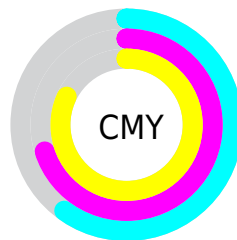
- Red (40%)
- Green (30%)
- Blue (18%)



- Red (38%)
- Yellow (40%)
- Blue (18%)



- Cyan (0%)
- Magenta (26%)
- Yellow (56%)
- Black (60%)



- Cyan (60%)
- Magenta (70%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.5390, -17.5207, 19.6983 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 80.5390, -17.5207, 19.6983 by changing the saturation by 10% instead.

80.5390, -17.5207,
19.6983

80.5390, -17.5207,
19.6983

255.0000, 0.0000,
0.0000

57.1690, -16.3523,
18.2688

130.3930,
-19.4207, 22.4573

34.9300, -17.2205,
16.7244

156.5780,
-20.0050, 23.1721

15.1390, -7.4635,
13.9101

183.4750,
-20.4472, 25.0164

0.0000, 0.0000,
0.0000

211.2470,
-21.3208, 25.2164

235.3600,
-19.4045, 17.2243

251.4660,

-13.5407, 3.0993

254.6580, -1.3104,
0.2999

■ 80.5390, -17.5207,
19.6983

■ 80.5390, -17.5207,
19.6983

■ 76.4640, -20.4418,
23.2721

■ 84.6140, -14.5997,
16.1245

■ 72.2750, -23.7996,
26.9458

■ 88.8030, -11.2419,
12.4508

■ 68.7870, -27.0100,
30.0048

■ 92.2910, -8.0315,
9.3918

■ 64.7120, -29.9310,
33.5786

■ 96.3660, -5.1104,
5.8180

■ 63.0820, -31.0994,
35.0081

■ 100.5550, -1.7526,
2.1443

■ 104.6300, 1.1684,
-1.4295

■ 108.7050, 4.0894,
-5.0033

■ 112.1930, 7.2999,
-8.0623

■ 116.3820, 10.6577,
-11.7360

Harmonies

Analogous

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



81.8590, -12.7485, 29.0647



80.5390, -17.5207, 19.6983



78.7500, -17.6247, 6.3582

Triad

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



80.5390, -17.5207, 19.6983



64.3460, 11.6614, -53.8004



83.0840, 12.7766, 8.6963

Complementary

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



80.5390, -17.5207, 19.6983



67.4610, 17.5207, -19.6983

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.



80.1460, 18.6620, -12.4060



80.5390, -17.5207, 19.6983



64.9140, 20.2554, -56.9296

Square

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



80.5390, -17.5207, 19.6983



72.6560, -1.8024, -28.6393



72.4910, 21.9429, -38.1416



83.7070, 4.5814, 23.9360

Rectangle

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



80.5390, -17.5207, 19.6983



77.4820, -14.5346, -4.8077



72.4910, 21.9429, -38.1416



82.9090, 14.8349, 1.8338

Sweetspot

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



80.5390, -17.5207, 19.6983



125.9210, -6.8631, 7.9623



65.4200, 3.2439, 32.9577



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.



80.5390, -17.5207, 19.6983



99.2710, -27.7416, 31.3343



95.7900, -25.0395, 4.5692



49.2560, -1.6052, 1.5295



70.1920, -34.6047, 39.2966



148.0810, -73.0039, 82.3670

Inverse Universe

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



67.4610, 17.5207, -19.6983



78.7290, 27.7416, -31.3343



52.2100, 25.0395, -4.5692



47.7440, 1.6052, -1.5295



44.2210, 34.8940, -38.7818



93.9190, 73.0039, -82.3670

Previews

White Background



This preview shows how the YUV color 80.5390, -17.5207, 19.6983 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 80.5390, -17.5207, 19.6983 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

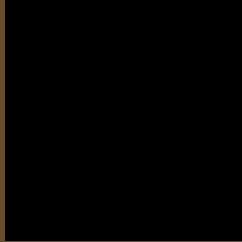
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 80.5390, -17.5207, 19.6983

Background



This preview shows how black text looks on a background with the YUV color 80.5390, -17.5207, 19.6983.



This preview shows how white text looks on a background with the YUV color 80.5390, -17.5207,

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

80.5390, -17.5207, 19.6983

Protanopia

79.5160, -16.0304, 8.3175

Deuteranopia

80.5170, -17.5099, 16.2096



Tritanopia

82.8500, -2.3910, 20.3026

Trichromacy



Original Color

80.5390, -17.5207, 19.6983

Protanomaly

79.7230, -16.6254, 12.5209

Deuteranomaly

80.2290, -17.3679, 17.3392

Tritanomaly

81.7700, -7.7746, 20.3727

Monochromacy



Original Color

80.5390, -17.5207, 19.6983

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

80.7360, -6.2788, 7.2475

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.5390, -17.5207, 19.6983 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, 76, 45)` looks like.

```
.text, #text, p{  
    color:rgb(103, 76, 45)  
}
```

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, 76, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 76, 45) }
```

Border

The CSS property to change the border of an element to YUV 80.5390, -17.5207, 19.6983 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, 76, 45) }
```


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

```
.border{ border-color:rgb(103, 76, 45) }
```

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

Here you see how a box with a 4 pixel rgb(103, 76, 45) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 76, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 76, 45);  
box-shadow:4px 4px 4px 4px rgb(103, 76,  
45) }
```

Background

The CSS property to change the background color of an element to YUV 80.5390, -17.5207, 19.6983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 76, 45) }
```

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

```
.background{ background-color: rgb(103, 76,  
45) }
```

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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