

Converting Colors

YUV(76.8080, -8.7793, 15.9544)

Have a look what the booklet for
YUV(76.8080, -8.7793, 15.9544)
contains.

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Color

**YUV(76.8080, -8.7793,
15.9544)**

Conversions

Conversions Part 1

Format	Color
Hex	5F473B
RGB	95, 71, 59
RGB Percent	37%, 28%, 23%
CMY	0.6275, 0.7216, 0.7686
CMYK	0.00, 0.25, 0.38, 0.63
HSL	20°, 23%, 30%
HSV	20°, 38%, 37%
XYZ	7.7620, 7.2551, 5.1290
YIQ	76.8080, 18.1560, 1.3560

Conversions

Conversions Part 2

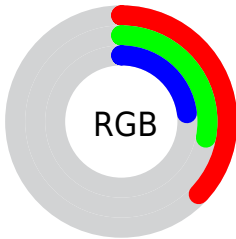
Format	Color
RYB	95, 77, 59
Decimal	6244155
CIELab	32.38, 8.39, 11.18
CIElCh	32, 13.982, 53.128
Yxy	7.2551, 0.3853, 0.3601
Android (android.graphics.Color)	4284434235 (0xFF5F473B)
YUV	76.8080, -8.7793, 15.9544
Hunter-Lab	26.9354, 4.3015, 7.5649




Details

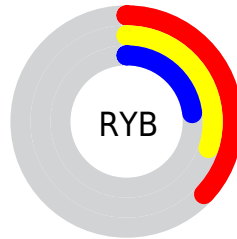
The YUV color **76.8080, -8.7793, 15.9544** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **77.1920, 8.7793, -15.9544**, and the grayscale version is **77.0000, 0.0000, 0.0000**.


A 20% lighter version of the original color is **125.5910, -9.6584, 17.8987**, and **32.4270, -7.6055, 12.7805** is the 20% darker color. If you saturate the color by 10%, you get **72.1460, -11.4110, 20.0430**, and if you desaturate by 10%, it is **81.4700, -6.1477, 11.8658**.

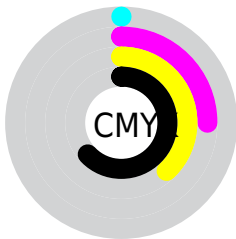
Distribution







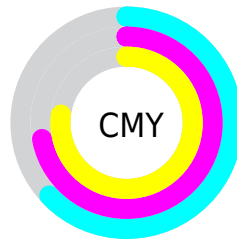
-  Red (37%)
-  Green (28%)
-  Blue (23%)






-  Red (37%)
-  Yellow (30%)
-  Blue (23%)



-  Cyan (0%)
-  Magenta (25%)
-  Yellow (38%)
-  Black (63%)



-  Cyan (63%)
-  Magenta (72%)
-  Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.8080, -8.7793, 15.9544 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 76.8080, -8.7793, 15.9544 by changing the saturation by 10% instead.

■ 76.8080, -8.7793,
15.9544

■ 76.8080, -8.7793,
15.9544

■ 255.0000, 0.0000,
0.0000

■ 54.2100, -8.4845,
14.7248

■ 125.5910, -9.6584,
17.8987

■ 32.4270, -7.6055,
12.7805

■ 151.7760,
-10.2426, 18.6134

■ 9.2470, -4.5588,
15.5694

■ 179.0750,
-10.3900, 19.2282

■ 0.0000, 0.0000,
0.0000

■ 206.2600,
-10.9742, 19.9430

■ 233.6620,
-10.6794, 18.7134

■ 253.2900, -6.5520,

1.4997

■ 76.8080, -8.7793,
15.9544

■ 76.8080, -8.7793,
15.9544

■ 72.1460, -11.4110,
20.0430

■ 81.4700, -6.1477,
11.8658

■ 67.0110, -13.3164,
24.5464

■ 86.6050, -4.2423,
7.3624

■ 62.4630, -15.5113,
28.5349

■ 91.2670, -1.6106,
3.2738

■ 57.8010, -18.1429,
32.6235

■ 95.8150, 0.5842,
-0.7148

■ 52.6660, -20.0483,
37.1269

■ 100.9500, 2.4896,
-5.2182

■ 48.0040, -22.6800,
41.2155

■ 105.6120, 5.1213,
-9.3067

■ 47.1890, -23.2642,
41.9302

■ 110.2740, 7.7529,
-13.3953

■ 115.4090, 9.6584,
-17.8987

■ 120.0710, 12.2900,
-21.9873

Harmonies

Analogous

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



77.8560, -4.8590, 18.5433



76.8080, -8.7793, 15.9544



76.1940, -10.9416, 9.4769

Triad

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



76.8080, -8.7793, 15.9544



71.7050, 0.6384, -18.1583



76.8070, 9.4621, -1.5847

Complementary

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



76.8080, -8.7793, 15.9544



77.1920, 8.7793, -15.9544

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.



74.5990, 11.5367, -13.6803



76.8080, -8.7793, 15.9544



70.8660, 6.4751, -23.5615

Square

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



76.8080, -8.7793, 15.9544



73.5660, -5.2090, -9.2664



72.2020, 10.2534, -22.1022



78.1350, 5.3564, 8.6516

Rectangle

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



76.8080, -8.7793, 15.9544



75.0900, -9.9044, 3.4291



72.2020, 10.2534, -22.1022



76.3010, 10.2046, -6.4030

Sweetspot

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



76.8080, -8.7793, 15.9544



115.2350, -3.0739, 5.9329



72.5000, 5.1765, 19.7325



57.1530, -2.0474, 3.3738



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.



76.8080, -8.7793, 15.9544



94.5980, -13.6058, 24.0316



87.3740, -13.9884, 6.6880



45.7830, -0.8790, 1.9443



55.2070, -27.2171, 49.8075



118.7200, -58.5290, 106.3626

Inverse Universe

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



77.1920, 8.7793, -15.9544



94.9890, 13.3164, -24.5464



66.6260, 13.9884, -6.6880



46.2170, 0.8790, -1.9443



56.7930, 27.2171, -49.8075



121.2800, 58.5290, -106.3626

Previews

White Background



This preview shows how the YUV color 76.8080, -8.7793, 15.9544 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 76.8080, -8.7793, 15.9544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

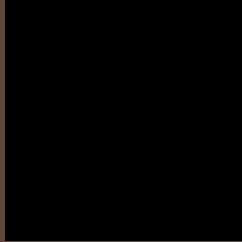
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.8080, -8.7793, 15.9544

Background



This preview shows how black text looks on a background with the YUV color 76.8080, -8.7793, 15.9544.

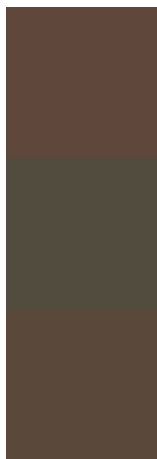


This preview shows how white text looks on a background with the YUV color 76.8080, -8.7793,

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

76.8080, -8.7793, 15.9544

Protanopia

75.7850, -7.2890, 4.5736

Deuteranopia

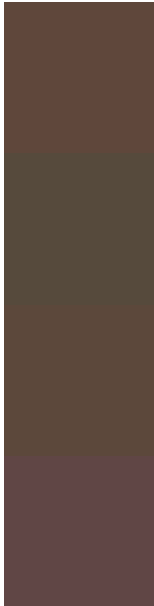
76.4870, -8.6211, 11.8509



Tritanopia

77.6430, -1.7960, 16.0991

Trichromacy



Original Color

76.8080, -8.7793, 15.9544

Protanomaly

75.9920, -7.8841, 8.7770

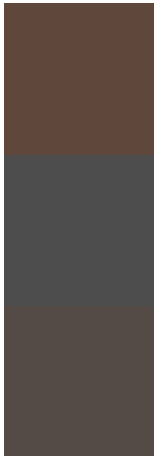
Deuteranomaly

76.4980, -8.6265, 13.5953

Tritanomaly

77.6600, -4.2694, 16.0842

Monochromacy



Original Color

76.8080, -8.7793, 15.9544

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

77.1210, -3.5107, 6.0329

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.8080, -8.7793, 15.9544 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, 71, 59)` looks like.

```
.text, #text, p{  
    color:rgb(95, 71, 59)  
}
```

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, 71, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 71, 59) }
```

Border

The CSS property to change the border of an element to YUV 76.8080, -8.7793, 15.9544 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, 71, 59) }
```


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

```
.border{ border-color:rgb(95, 71, 59) }
```

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

Here you see how a box with a 4 pixel rgb(95, 71, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 71, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 71, 59);  
box-shadow:4px 4px 4px 4px rgb(95, 71, 59)  
}
```

Background

The CSS property to change the background color of an element to YUV 76.8080, -8.7793, 15.9544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 71, 59) }
```

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

```
.background{ background-color: rgb(95, 71,  
59) }
```

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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