

Converting Colors

YUV(77.8880, -3.3958, 15.8842)

Have a look what the booklet for
YUV(77.8880, -3.3958, 15.8842)
contains.

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Color

**YUV(77.8880, -3.3958,
15.8842)**

Conversions

Conversions Part 1

Format	Color
Hex	604647
RGB	96, 70, 71
RGB Percent	38%, 27%, 28%
CMY	0.6235, 0.7255, 0.7216
CMYK	0.00, 0.27, 0.26, 0.62
HSL	358°, 16%, 33%
HSV	358°, 27%, 38%
XYZ	8.1514, 7.3220, 6.9449
YIQ	77.8880, 15.1750, 5.8230

Conversions

Conversions Part 2

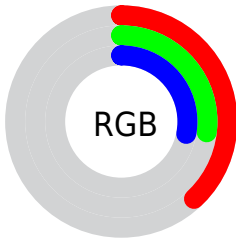
Format	Color
RYB	96, 70, 71
Decimal	6309447
CIELab	32.53, 11.32, 3.76
CIELCh	33, 11.927, 18.382
Yxy	7.3220, 0.3636, 0.3266
Android (android.graphics.Color)	4284499527 (0xFF604647)
YUV	77.8880, -3.3958, 15.8842
Hunter-Lab	27.0593, 6.4177, 3.7244




Details

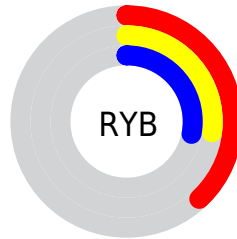
The YUV color **77.8880, -3.3958, 15.8842** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **88.1120, 3.3958, -15.8842**, and the grayscale version is **78.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **126.7850, -3.8380, 17.7286**, and **33.1050, -2.5168, 13.9399** is the 20% darker color. If you saturate the color by 10%, you get **70.9920, -4.4331, 21.9320**, and if you desaturate by 10%, it is **84.7840, -2.3585, 9.8364**.

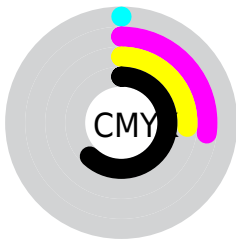
Distribution







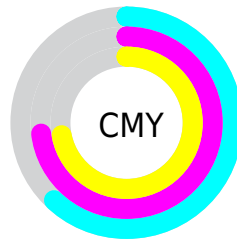
-  Red (38%)
-  Green (27%)
-  Blue (28%)






-  Red (38%)
-  Yellow (27%)
-  Blue (28%)



-  Cyan (0%)
-  Magenta (27%)
-  Yellow (26%)
-  Black (62%)



-  Cyan (62%)
-  Magenta (73%)
-  Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.8880, -3.3958, 15.8842 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 77.8880, -3.3958, 15.8842 by changing the saturation by 10% instead.

■ 77.8880, -3.3958,
15.8842

■ 77.8880, -3.3958,
15.8842

255.0000, 0.0000,
0.0000

■ 55.2900, -3.1010,
14.6547

■ 126.7850, -3.8380,
17.7286

■ 33.1050, -2.5168,
13.9399

■ 153.0840, -3.9854,
18.3433

■ 9.0840, -3.9854,
18.3433

■ 180.2690, -4.5696,
19.0581

■ 0.0000, 0.0000,
0.0000

■ 207.6820, -4.2802,
19.5729

■ 234.7850, -3.8380,
17.7286

■ 77.8880, -3.3958,
15.8842

■ 77.8880, -3.3958,
15.8842

■ 70.9920, -4.4331,
21.9320

■ 84.7840, -2.3585,
9.8364

■ 64.6830, -5.7597,
27.4650

■ 91.0930, -1.0318,
4.3034

■ 57.6730, -7.2338,
33.6128

■ 98.1030, 0.4422,
-1.8443

■ 51.3640, -8.5605,
39.1458

■ 104.4120, 1.7689,
-7.3773

■ 44.4680, -9.5977,
45.1936

■ 111.3080, 2.8062,
-13.4251

■ 37.5720, -10.6350,
51.2414

■ 118.2040, 3.8434,
-19.4729

■ 31.1490, -12.3985,
56.8743

■ 124.6270, 5.6069,
-25.1059

■ 29.1600, -12.4039,

■ 131.5230, 6.6442,

58.6187

-31.1537

■ 137.8320, 7.9708,
-36.6867

Harmonies

Analogous

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



78.1310, 1.4144, 13.0401



77.8880, -3.3958, 15.8842



77.5520, -7.1741, 14.4249

Triad

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



77.8880, -3.3958, 15.8842



74.2890, -5.0725, -6.3925



74.8550, 9.9315, -12.1508

Complementary

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



77.8880, -3.3958, 15.8842



88.1120, 3.3958, -15.8842

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.



73.3550, 8.2060, -18.7283



77.8880, -3.3958, 15.8842



73.3850, -0.6828, -14.3696

Square

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



77.8880, -3.3958, 15.8842



75.8340, -8.2992, 1.8996



72.7310, 4.5696, -19.0581



76.5680, 8.5940, -3.1291

Rectangle

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



77.8880, -3.3958, 15.8842



77.0740, -8.9105, 11.3361



72.7310, 4.5696, -19.0581



74.1320, 9.7949, -15.0248

Sweetspot

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



77.8880, -3.3958, 15.8842



117.9900, -1.4741, 6.1478



80.4390, 7.6716, 12.7700



59.2070, -0.5951, 4.2035



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



77.8880, -3.3958, 15.8842



96.3730, -5.6069, 25.1059



84.8180, -7.3053, 9.8066



45.1960, -0.5896, 2.4591



33.9440, -14.7624, 68.4551



72.7860, -31.4465, 146.6467

Inverse Universe

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



77.8880, -3.3958, 15.8842



96.3730, -5.6069, 25.1059



81.1820, 7.3053, -9.8066



45.1960, -0.5896, 2.4591



33.9440, -14.7624, 68.4551



72.7860, -31.4465, 146.6467

Previews

White Background



This preview shows how the YUV color 77.8880, -3.3958, 15.8842 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 77.8880, -3.3958, 15.8842 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

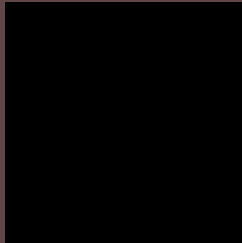
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.8880, -3.3958, 15.8842

Background



This preview shows how black text looks on a background with the YUV color 77.8880, -3.3958, 15.8842.

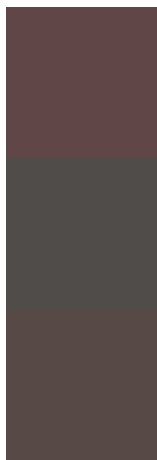


This preview shows how white text looks on a background with the YUV color 77.8880, -3.3958,

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

77.8880, -3.3958, 15.8842

Protanopia

76.6690, -1.3158, 2.0443

Deuteranopia

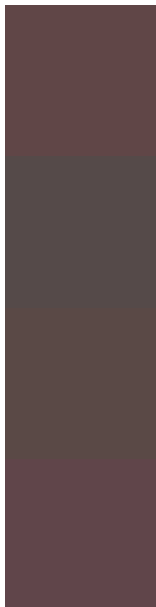
77.4310, -3.6635, 8.3920



Tritanopia

77.7570, -1.3592, 15.9991

Trichromacy



Original Color

77.8880, -3.3958, 15.8842

Protanomaly

77.1750, -2.0583, 6.8625

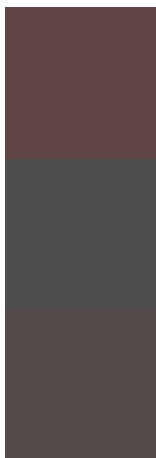
Deuteranomaly

77.7410, -3.8163, 10.7511

Tritanomaly

77.6430, -1.7960, 16.0991

Monochromacy



Original Color

77.8880, -3.3958, 15.8842

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

77.9900, -1.4741, 6.1478

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.8880, -3.3958, 15.8842 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(96, 70, 71)` looks like.

```
.text, #text, p{  
    color:rgb(96, 70, 71)  
}
```

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(96, 70, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 70, 71) }
```

Border

The CSS property to change the border of an element to YUV 77.8880, -3.3958, 15.8842 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(96, 70, 71) }
```


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

```
.border{ border-color:rgb(96, 70, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 70, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 70, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 70, 71);  
box-shadow:4px 4px 4px 4px rgb(96, 70, 71)  
}
```

Background

The CSS property to change the background color of an element to YUV 77.8880, -3.3958, 15.8842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 70, 71) }
```

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

```
.background{ background-color: rgb(96, 70,  
71) }
```

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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