

Converting Colors

YUV(77.9160, -5.8746, 17.6137)

Have a look what the booklet for
YUV(77.9160, -5.8746, 17.6137)
contains.

YUV(77.9160, -5.8746, 17.6137)	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(77.9160, -5.8746,
17.6137)**

Conversions

Conversions Part 1

Format	Color
Hex	624642
RGB	98, 70, 66
RGB Percent	38%, 27%, 26%
CMY	0.6157, 0.7255, 0.7412
CMYK	0.00, 0.29, 0.33, 0.62
HSL	8°, 20%, 32%
HSV	8°, 33%, 38%
XYZ	8.2105, 7.3703, 6.1441
YIQ	77.9160, 17.9720, 4.6920

Conversions

Conversions Part 2

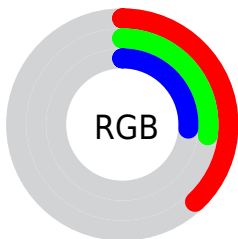
Format	Color
RYB	98, 71, 66
Decimal	6440514
CIELab	32.64, 11.39, 7.14
CIELCh	33, 13.446, 32.086
Yxy	7.3703, 0.3779, 0.3393
Android (android.graphics.Color)	4284630594 (0xFF624642)
YUV	77.9160, -5.8746, 17.6137
Hunter-Lab	27.1484, 6.4745, 5.5855

Details

The YUV color **77.9160, -5.8746, 17.6137** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **86.0840, 5.8746, -17.6137**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.1120, -6.4642, 20.0728**, and **32.8340, -4.8482, 15.0546** is the 20% darker color. If you saturate the color by 10%, you get **71.4930, -7.6380, 23.2466**, and if you desaturate by 10%, it is **84.3390, -4.1111, 11.9807**.

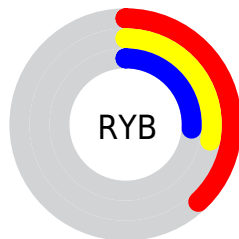
Distribution



Red (38%)

Green (27%)

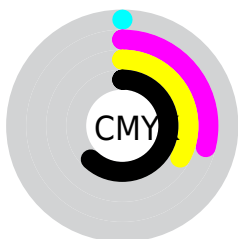
Blue (26%)



Red (38%)

Yellow (28%)

Blue (26%)

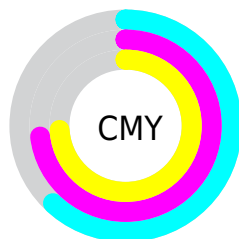


Cyan (0%)

Magenta (29%)

Yellow (33%)

Black (62%)



Cyan (62%)

Magenta (73%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.9160, -5.8746, 17.6137 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 77.9160, -5.8746, 17.6137 by changing the saturation by 10% instead.

■ 77.9160, -5.8746,
17.6137

■ 77.9160, -5.8746,
17.6137

■ 255.0000, 0.0000,
0.0000

■ 55.3180, -5.5798,
16.3841

■ 127.1120, -6.4642,
20.0728

■ 32.8340, -4.8482,
15.0546

■ 152.9980, -6.9010,
20.1728

■ 9.2690, -4.5696,
19.0581

■ 180.2970, -7.0484,
20.7875

■ 0.0000, 0.0000,
0.0000

■ 207.8950, -7.3432,
22.0171

■ 234.1010, -6.4588,
18.3284

■ 254.3160, -2.6208,

0.5999

■ 77.9160, -5.8746,
17.6137

■ 77.9160, -5.8746,
17.6137

■ 71.4930, -7.6380,
23.2466

■ 84.3390, -4.1111,
11.9807

■ 65.6570, -9.6909,
28.3648

■ 90.1750, -2.0583,
6.8625

■ 59.3480, -11.0176,
33.8978

■ 96.4840, -0.7316,
1.3295

■ 53.5120, -13.0704,
39.0160

■ 102.3200, 1.3212,
-3.7886

■ 47.0890, -14.8339,
44.6489

■ 108.7430, 3.0847,
-9.4216

■ 41.2530, -16.8867,
49.7671

■ 114.5790, 5.1376,
-14.5398

■ 36.3460, -17.9186,
54.0706

■ 121.0020, 6.9010,
-20.1728

■ 127.3110, 8.2277,
-25.7057

■ 133.1470, 10.2805,
-30.8239

Harmonies

Analogous

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



78.4690, -1.2172, 17.1287



77.9160, -5.8746, 17.6137



77.2700, -9.5001, 13.7952

Triad

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



77.9160, -5.8746, 17.6137



73.7120, -3.3090, -12.0254



75.8060, 10.9416, -9.4769

Complementary

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



77.9160, -5.8746, 17.6137



86.0840, 5.8746, -17.6137

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.



73.9250, 10.3900, -19.2282



77.9160, -5.8746, 17.6137



72.4490, 2.2436, -19.6878

Square

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



77.9160, -5.8746, 17.6137



75.2140, -7.9935, -2.8187



71.9200, 7.9274, -22.7318



77.8890, 8.4357, 0.9743

Rectangle

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



77.9160, -5.8746, 17.6137



76.4220, -10.0680, 9.2769



71.9200, 7.9274, -22.7318



75.3710, 10.6631, -13.4804

Sweetspot

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



77.9160, -5.8746, 17.6137



119.4740, -2.2057, 7.4773



78.7600, 7.5133, 16.8735



58.9790, -1.4686, 4.4034



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.



77.9160, -5.8746, 17.6137



96.4720, -9.1067, 27.6501



87.3080, -10.5048, 9.3769



45.1960, -0.5896, 2.4591



41.7060, -20.5611, 61.6478



89.3700, -44.0594, 132.1025

Inverse Universe

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



86.0840, 5.8746, -17.6137



108.9410, 9.3961, -27.1353



76.6920, 10.5048, -9.3769



46.8040, 0.5896, -2.4591



70.2940, 20.5611, -61.6478



150.6300, 44.0594, -132.1025

Previews

White Background



This preview shows how the YUV color 77.9160, -5.8746, 17.6137 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 77.9160, -5.8746, 17.6137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

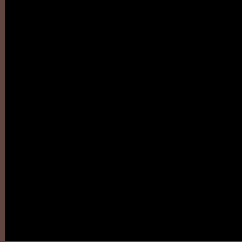
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.9160, -5.8746, 17.6137

Background



This preview shows how black text looks on a background with the YUV color 77.9160, -5.8746, 17.6137.

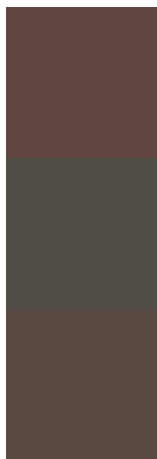


This preview shows how white text looks on a background with the YUV color 77.9160, -5.8746,

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

77.9160, -5.8746, 17.6137

Protanopia

76.9850, -3.9366, 2.6442

Deuteranopia

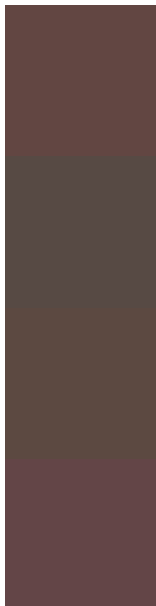
77.4590, -6.1423, 10.1215



Tritanopia

78.5400, -2.2382, 17.9434

Trichromacy



Original Color

77.9160, -5.8746, 17.6137

Protanomaly

77.2030, -4.5371, 8.5920

Deuteranomaly

77.7690, -6.2951, 12.4806

Tritanomaly

78.1980, -3.5486, 18.2434

Monochromacy



Original Color

77.9160, -5.8746, 17.6137

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

77.8760, -1.9109, 6.2477

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.9160, -5.8746, 17.6137 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(98, 70, 66)` looks like.

```
.text, #text, p{  
    color:rgb(98, 70, 66)  
}
```

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(98, 70, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 70, 66) }
```

Border

The CSS property to change the border of an element to YUV 77.9160, -5.8746, 17.6137 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(98, 70, 66) }
```


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

```
.border{ border-color:rgb(98, 70, 66) }
```

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

Here you see how a box with a 4 pixel rgb(98, 70, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 70, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 70, 66);  
box-shadow:4px 4px 4px 4px rgb(98, 70, 66)  
}
```

Background

The CSS property to change the background color of an element to YUV 77.9160, -5.8746, 17.6137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 70, 66) }
```

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

```
.background{ background-color: rgb(98, 70,  
66) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor