

Converting Colors

YUV(77.9080, -17.2096,
13.2357)

Have a look what the booklet for
YUV(77.9080, -17.2096, 13.2357)
contains.

YUV(77.9080, -17.2096, 13.2357)	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(77.9080, -17.2096,
13.2357)**

Conversions

Conversions Part 1

Format	Color
Hex	5D4D2B
RGB	93, 77, 43
RGB Percent	36%, 30%, 17%
CMY	0.6353, 0.6980, 0.8314
CMYK	0.00, 0.17, 0.54, 0.64
HSL	41°, 37%, 27%
HSV	41°, 54%, 36%
XYZ	7.6041, 7.8093, 3.3921
YIQ	77.9080, 20.4500, -7.1820

Conversions

Conversions Part 2

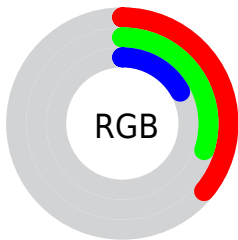
Format	Color
RYB	67, 93, 43
Decimal	6114603
CIELab	33.58, 1.73, 22.56
CIELCh	34, 22.622, 85.617
Yxy	7.8093, 0.4044, 0.4153
Android (android.graphics.Color)	4284304683 (0xFF5D4D2B)
YUV	77.9080, -17.2096, 13.2357
Hunter-Lab	27.9452, -0.3327, 12.3648

Details

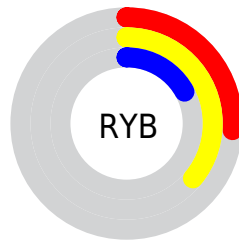
The YUV color **77.9080, -17.2096, 13.2357** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **58.0920, 17.2096, -13.2357**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.4630, -18.9623, 15.3799**, and **33.1250, -16.3306, 11.2914** is the 20% darker color. If you saturate the color by 10%, you get **75.1210, -20.2727, 15.6799**, and if you desaturate by 10%, it is **80.6950, -14.1466, 10.7915**.

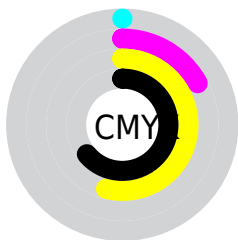
Distribution



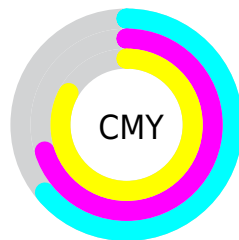
- Red (36%)
- Green (30%)
- Blue (17%)



- Red (26%)
- Yellow (36%)
- Blue (17%)



- Cyan (0%)
- Magenta (17%)
- Yellow (54%)
- Black (64%)



- Cyan (64%)
- Magenta (70%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.9080, -17.2096, 13.2357 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 77.9080, -17.2096, 13.2357 by changing the saturation by 10% instead.

■ 77.9080, -17.2096,
13.2357

■ 77.9080, -17.2096,
13.2357

■ 255.0000, 0.0000,
0.0000

■ 54.5380, -16.0412,
11.8062

■ 127.4630,
-18.9623, 15.3799

■ 33.1250, -16.3306,
11.2914

■ 153.6480,
-19.5465, 16.0947

■ 12.7360, -6.2788,
7.2475

■ 179.9470,
-19.6939, 16.7095

■ 0.0000, 0.0000,
0.0000

■ 208.0180,
-20.7149, 17.5242

■ 235.6050,
-21.0043, 17.0094

■ 251.1240,

-14.8511, 3.3993

254.4300, -2.1840,
0.4999

■ 77.9080, -17.2096,
13.2357

■ 77.9080, -17.2096,
13.2357

■ 75.1210, -20.2727,
15.6799

■ 80.6950, -14.1466,
10.7915

■ 72.2200, -23.7725,
18.2241

■ 83.5960, -10.6468,
8.2473

■ 69.4330, -26.8355,
20.6683

■ 86.3830, -7.5838,
5.8031

■ 66.6460, -29.8985,
23.1125

■ 89.1700, -4.5208,
3.3589

■ 64.7880, -31.9405,
24.7419

■ 92.0710, -1.0210,
0.8147

■ 94.8580, 2.0420,
-1.6295

■ 97.6450, 5.1050,
-4.0737

■ 100.4320, 8.1680,
-6.5179

■ 103.3330, 11.6678,
-9.0620

Harmonies

Analogous

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



79.3700, -14.4794, 24.2315



77.9080, -17.2096, 13.2357



76.3900, -14.9823, -1.2190

Triad

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



77.9080, -17.2096, 13.2357



62.3720, 15.5926, -54.7002



81.3900, 8.6817, 15.4440

Complementary

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



77.9080, -17.2096, 13.2357



58.0920, 17.2096, -13.2357

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.



79.7020, 15.4299, -2.3697



77.9080, -17.2096, 13.2357



66.0830, 20.6651, -48.3078

Square

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



77.9080, -17.2096, 13.2357



68.9910, 3.4554, -35.0721



75.4820, 18.9894, -24.1017



80.6920, 0.6448, 26.5801

Rectangle

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



77.9080, -17.2096, 13.2357



74.1760, -10.4398, -11.5554



75.4820, 18.9894, -24.1017



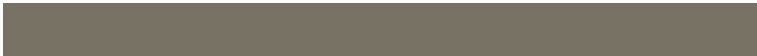
81.3400, 11.1714, 10.2258

Sweetspot

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



77.9080, -17.2096, 13.2357



114.3120, -6.5628, 4.9884



59.8880, 0.0552, 29.0392



57.3980, -3.6472, 3.1590



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.



77.9080, -17.2096, 13.2357



96.4330, -26.8355, 20.6683



84.9080, -20.6606, 0.0807



44.2560, -1.6052, 1.5295



76.9150, -37.9191, 29.0155



165.3700, -81.5274, 62.8195

Inverse Universe

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



58.0920, 17.2096, -13.2357



65.5670, 26.8355, -20.6683



51.0920, 20.6606, -0.0807



42.7440, 1.6052, -1.5295



33.0850, 37.9191, -29.0155



71.6300, 81.5274, -62.8195

Previews

White Background



This preview shows how the YUV color 77.9080, -17.2096, 13.2357 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 77.9080, -17.2096, 13.2357 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

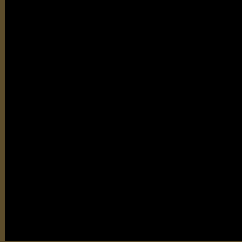
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.9080, -17.2096, 13.2357

Background



This preview shows how black text looks on a background with the YUV color 77.9080, -17.2096, 13.2357.



This preview shows how white text looks on a background with the YUV color 77.9080, -17.2096,

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

77.9080, -17.2096, 13.2357

Protanopia

77.4020, -16.4672, 8.4174

Deuteranopia

77.9300, -17.2205, 16.7244



Tritanopia

80.5610, -0.7696, 13.5400

Trichromacy



Original Color

77.9080, -17.2096, 13.2357

Protanomaly

77.4130, -16.4726, 10.1618

Deuteranomaly

78.2180, -17.3625, 15.5948

Tritanomaly

79.3670, -6.5899, 13.7101

Monochromacy



Original Color

77.9080, -17.2096, 13.2357

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

78.0130, -6.4154, 4.3736

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.9080, -17.2096, 13.2357 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(93, 77, 43)` looks like.

```
.text, #text, p{  
    color:rgb(93, 77, 43)  
}
```

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(93, 77, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 77, 43) }
```

Border

The CSS property to change the border of an element to YUV 77.9080, -17.2096, 13.2357 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(93, 77, 43) }
```


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

```
.border{ border-color:rgb(93, 77, 43) }
```

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

Here you see how a box with a 4 pixel rgb(93, 77, 43) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 77, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 77, 43);  
box-shadow:4px 4px 4px 4px rgb(93, 77, 43)  
}
```

Background

The CSS property to change the background color of an element to YUV 77.9080, -17.2096, 13.2357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 77, 43) }
```

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

```
.background{ background-color: rgb(93, 77,  
43) }
```

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