

Converting Colors

YUV(77.8200, -10.2643,
25.5909)

Have a look what the booklet for
YUV(77.8200, -10.2643, 25.5909)
contains.

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Color

**YUV(77.8200, -10.2643,
25.5909)**

Conversions

Conversions Part 1

Format	Color
Hex	6B4339
RGB	107, 67, 57
RGB Percent	42%, 26%, 22%
CMY	0.5804, 0.7373, 0.7765
CMYK	0.00, 0.37, 0.47, 0.58
HSL	12°, 30%, 32%
HSV	12°, 47%, 42%
XYZ	8.8091, 7.4355, 4.8418
YIQ	77.8200, 27.0500, 5.3700

Conversions

Conversions Part 2

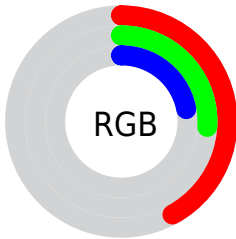
Format	Color
R_{YB}	107, 70, 57
Decimal	7029561
CIE _{Lab}	32.78, 16.02, 13.24
CIE _{LCh}	33, 20.787, 39.579
Yxy	7.4355, 0.4178, 0.3526
Android (android.graphics.Color)	4285219641 (0xFF6B4339)
YUV	77.8200, -10.2643, 25.5909
Hunter-Lab	27.2681, 9.9459, 8.5600

Details

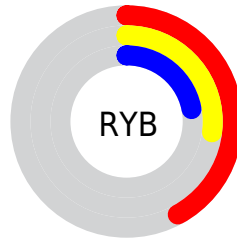
The YUV color **77.8200, -10.2643, 25.5909** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **86.1800, 10.2643, -25.5909**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.2010, -11.4381, 28.7647**, and **32.1400, -8.9430, 21.8022** is the 20% darker color. If you saturate the color by 10%, you get **71.2830, -12.4645, 31.3238**, and if you desaturate by 10%, it is **84.3570, -8.0640, 19.8579**.

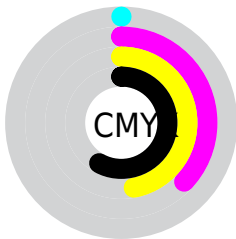
Distribution



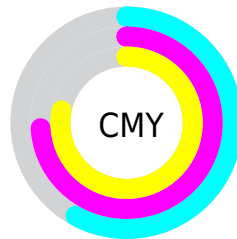
- Red (42%)
- Green (26%)
- Blue (22%)



- Red (42%)
- Yellow (27%)
- Blue (22%)



- Cyan (0%)
- Magenta (37%)
- Yellow (47%)
- Black (58%)



- Cyan (58%)
- Magenta (74%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.8200, -10.2643, 25.5909 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 77.8200, -10.2643, 25.5909 by changing the saturation by 10% instead.

■ 77.8200, -10.2643,
25.5909

■ 77.8200, -10.2643,
25.5909

■ 255.0000, 0.0000,
0.0000

■ 54.3360, -9.5326,
24.2613

■ 127.2010,
-11.4381, 28.7647

■ 32.1400, -8.9430,
21.8022

■ 153.6850,
-12.1697, 30.0943

■ 10.7640, -5.3067,
22.1320

■ 180.8700,
-12.7539, 30.8090

■ 0.0000, 0.0000,
0.0000

■ 208.4680,
-13.0487, 32.0386

■ 231.0860,
-10.3954, 20.9726

■ 251.3010, -6.5574,

3.2440

■ 77.8200, -10.2643,
25.5909

■ 77.8200, -10.2643,
25.5909

■ 71.2830, -12.4645,
31.3238

■ 84.3570, -8.0640,
19.8579

■ 65.4470, -14.5174,
36.4420

■ 90.1930, -6.0111,
14.7397

■ 58.9100, -16.7176,
42.1749

■ 96.7300, -3.8109,
9.0068

■ 52.9600, -19.2073,
47.3931

■ 102.6800, -1.3212,
3.7886

■ 46.4230, -21.4075,
53.1260

■ 109.1030, 0.4422,
-1.8443

■ 44.3200, -21.8498,
54.9704

■ 115.0530, 2.9319,
-7.0625

■ 121.5900, 5.1321,
-12.7954

■ 127.5400, 7.6218,
-18.0136

■ 133.9630, 9.3852,
-23.6466

Harmonies

Analogous

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



78.3670, -3.1389, 26.8651



77.8200, -10.2643, 25.5909



76.9240, -14.7525, 18.4837

Triad

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



77.8200, -10.2643, 25.5909



70.7600, -2.8397, -22.5915



76.1630, 16.1886, -12.4210

Complementary

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



77.8200, -10.2643, 25.5909



86.1800, 10.2643, -25.5909

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.



70.7970, 17.8481, -31.3940



77.8200, -10.2643, 25.5909



66.7070, 7.5394, -38.3310

Square

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



77.8200, -10.2643, 25.5909



73.3830, -11.0348, -7.3519



64.5410, 16.0023, -46.0785



79.0190, 11.3296, 6.1223

Rectangle

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



77.8200, -10.2643, 25.5909



75.9400, -15.7464, 10.5766



64.5410, 16.0023, -46.0785



74.7600, 17.3733, -19.0835

Sweetspot

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



77.8200, -10.2643, 25.5909



129.0290, -3.9583, 9.6216



76.5100, 10.1016, 26.7397



64.3490, -2.6371, 5.8329



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



77.8200, -10.2643, 25.5909



94.1270, -15.8386, 40.2306



92.4950, -17.4990, 12.7209



50.3810, -1.1738, 3.1739



48.4840, -23.9026, 60.0885



102.0180, -50.2949, 125.3952

Inverse Universe

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



86.1800, 10.2643, -25.5909



107.8730, 15.8386, -40.2306



71.5050, 17.4990, -12.7209



51.0320, 1.4632, -2.6591



68.5160, 23.9026, -60.0885



142.9820, 50.2949, -125.3952

Previews

White Background



This preview shows how the YUV color 77.8200, -10.2643, 25.5909 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 77.8200, -10.2643, 25.5909 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 77.8200, -10.2643, 25.5909

Background



This preview shows how black text looks on a background with the YUV color 77.8200, -10.2643, 25.5909.

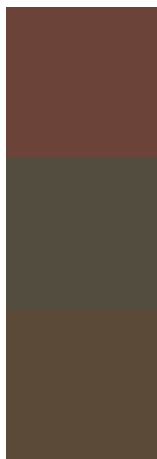


This preview shows how white text looks on a background with the YUV color 77.8200, -10.2643,

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

77.8200, -10.2643, 25.5909

Protanopia

76.7850, -7.2890, 4.5736

Deuteranopia

77.3300, -10.5157, 12.8656



Tritanopia

78.4270, -4.1545, 25.9355

Trichromacy



Original Color

77.8200, -10.2643, 25.5909

Protanomaly

76.9000, -8.3317, 12.3657

Deuteranomaly

77.0640, -10.3846, 17.4839

Tritanomaly

78.4440, -6.6279, 25.9206

Monochromacy



Original Color

77.8200, -10.2643, 25.5909

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

78.0290, -3.9583, 9.6216

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.8200, -10.2643, 25.5909 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(107, 67, 57)` looks like.

```
.text, #text, p{  
    color:rgb(107, 67, 57)  
}
```

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(107, 67, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 67, 57) }
```

Border

The CSS property to change the border of an element to YUV 77.8200, -10.2643, 25.5909 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(107, 67, 57) }
```


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

```
.border{ border-color:rgb(107, 67, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 67, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 67, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 67, 57);  
box-shadow:4px 4px 4px 4px rgb(107, 67,  
57) }
```

Background

The CSS property to change the background color of an element to YUV 77.8200, -10.2643, 25.5909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 67, 57) }
```

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

```
.background{ background-color: rgb(107, 67,  
57) }
```

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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