

Converting Colors

YUV(77.1630, 2.8776, 10.3810)

Have a look what the booklet for
YUV(77.1630, 2.8776, 10.3810)
contains.

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Color

**YUV(77.1630, 2.8776,
10.3810)**

Conversions

Conversions Part 1

Format	Color
Hex	594653
RGB	89, 70, 83
RGB Percent	35%, 27%, 33%
CMY	0.6510, 0.7255, 0.6745
CMYK	0.00, 0.21, 0.07, 0.65
HSL	319°, 12%, 31%
HSV	319°, 21%, 35%
XYZ	7.8713, 7.1287, 9.1447
YIQ	77.1630, 7.1510, 8.0710

Conversions

Conversions Part 2

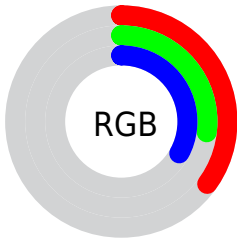
Format	Color
R_{YB}	89, 70, 83
Decimal	5850707
CIE _{Lab}	32.10, 10.62, -4.66
CIE _{LCh}	32, 11.598, 336.321
Yxy	7.1287, 0.3260, 0.2952
Android (android.graphics.Color)	4284040787 (0xFF594653)
YUV	77.1630, 2.8776, 10.3810
Hunter-Lab	26.6996, 5.8992, -1.6173

Details

The YUV color **77.1630, 2.8776, 10.3810** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **81.8370, -2.8776, -10.3810**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.8750, 3.0196, 11.5106**, and **33.0380, 2.4463, 8.7367** is the 20% darker color. If you saturate the color by 10%, you get **71.5380, 4.1718, 15.3142**, and if you desaturate by 10%, it is **82.7880, 1.5835, 5.4479**.

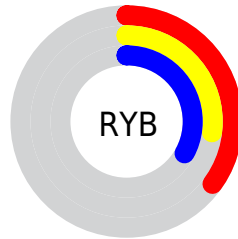
Distribution



Red (35%)

Green (27%)

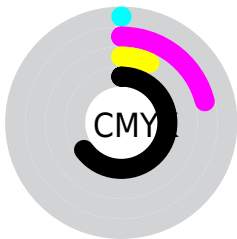
Blue (33%)



Red (35%)

Yellow (27%)

Blue (33%)

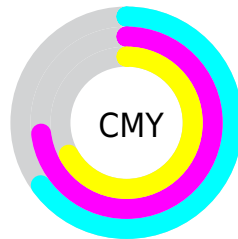


Cyan (0%)

Magenta (21%)

Yellow (7%)

Black (65%)



Cyan (65%)

Magenta (73%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.1630, 2.8776, 10.3810 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 77.1630, 2.8776, 10.3810 by changing the saturation by 10% instead.

■ 77.1630, 2.8776,
10.3810

■ 77.1630, 2.8776,
10.3810

■ 255.0000, 0.0000,
0.0000

■ 54.4510, 2.7357,
9.2515

■ 125.8750, 3.0196,
11.5106

■ 33.0380, 2.4463,
8.7367

■ 152.2880, 3.3090,
12.0254

■ 9.2280, 4.3246,
12.9550

■ 179.1740, 2.8722,
12.1254

■ 0.0000, 0.0000,
0.0000

■ 206.5870, 3.1616,
12.6402

■ 234.5870, 3.1616,
12.6402

■ 77.1630, 2.8776,
10.3810

■ 77.1630, 2.8776,
10.3810

■ 71.5380, 4.1718,
15.3142

■ 82.7880, 1.5835,
5.4479

■ 65.9130, 5.4659,
20.2473

■ 88.4130, 0.2894,
0.5148

■ 60.4020, 7.1968,
25.0804

■ 93.9240, -1.4415,
-4.3183

■ 54.7770, 8.4909,
30.0136

■ 99.5490, -2.7357,
-9.2515

■ 49.7390, 9.4957,
34.4319

■ 105.1740, -4.0298,
-14.1846

■ 44.1140, 10.7898,
39.3650

■ 110.2120, -5.0345,
-18.6029

■ 38.4890, 12.0839,
44.2981

■ 115.8370, -6.3286,
-23.5360

■ 33.5650, 13.5255,

■ 121.3480, -8.0596,

48.6165

-28.3692

■ 126.9730, -9.3537,
-33.3023

Harmonies

Analogous

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



77.0310, 6.3937, 2.6038



77.1630, 2.8776, 10.3810



77.0450, -1.5012, 14.8695

Triad

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



77.1630, 2.8776, 10.3810



75.3290, -9.0362, 4.9735



71.7140, 7.0430, -19.0432

Complementary

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



77.1630, 2.8776, 10.3810



81.8370, -2.8776, -10.3810

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.



71.8730, 2.5276, -17.4286



77.1630, 2.8776, 10.3810



73.6700, -6.2463, -3.2186

Square

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



77.1630, 2.8776, 10.3810



75.6010, -8.1843, 11.7509



72.6520, -2.2934, -11.0958



73.0180, 9.3581, -14.9248

Rectangle

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



77.1630, 2.8776, 10.3810



76.3610, -4.1220, 15.4694



72.6520, -2.2934, -11.0958



71.9590, 5.4432, -19.2580

Sweetspot

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



77.1630, 2.8776, 10.3810



110.6630, 1.1521, 3.8035



73.9600, 7.4147, 1.7891



56.4240, 0.2840, 2.2592



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



77.1630, 2.8776, 10.3810



96.2500, 4.3137, 16.4438



76.1370, -1.0535, 11.2809



40.5380, 0.7208, 2.1592



40.3150, 16.1137, 58.4827



88.6190, 35.6838, 128.3761

Inverse Universe

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



77.1630, 2.8776, 10.3810



96.2500, 4.3137, 16.4438



82.8630, 1.0535, -11.2809



40.5380, 0.7208, 2.1592



40.3150, 16.1137, 58.4827



88.6190, 35.6838, 128.3761

Previews

White Background



This preview shows how the YUV color 77.1630, 2.8776, 10.3810 looks on a white background.

Color Contrast Check

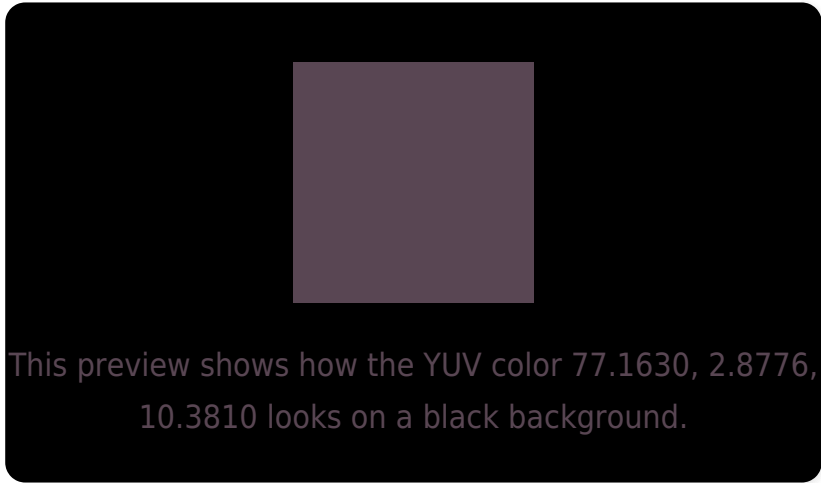
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

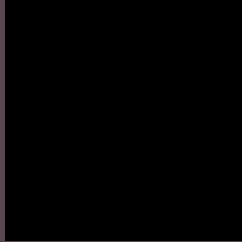
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.1630, 2.8776, 10.3810

Background



This preview shows how black text looks on a background with the YUV color 77.1630, 2.8776, 10.3810.



This preview shows how white text looks on a background with the YUV color 77.1630, 2.8776,

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

77.1630, 2.8776, 10.3810

Protanopia

75.9550, 4.9522, -1.7145

Deuteranopia

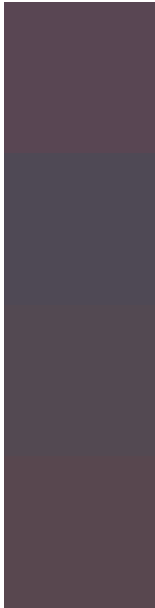
76.7060, 2.6099, 2.8888



Tritanopia

76.7670, 0.1149, 9.8513

Trichromacy



Original Color

77.1630, 2.8776, 10.3810

Protanomaly

76.1620, 4.3571, 2.4889

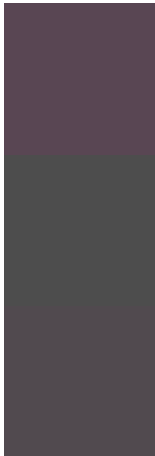
Deuteranomaly

77.0160, 2.4571, 5.2480

Tritanomaly

76.9950, 0.9885, 9.6514

Monochromacy



Original Color

77.1630, 2.8776, 10.3810

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

76.6630, 1.1521, 3.8035

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.1630, 2.8776, 10.3810 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(89, 70, 83)` looks like.

```
.text, #text, p{  
    color:rgb(89, 70, 83)  
}
```

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(89, 70, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 70, 83) }
```

Border

The CSS property to change the border of an element to YUV 77.1630, 2.8776, 10.3810 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(89, 70, 83) }
```


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

```
.border{ border-color:rgb(89, 70, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 70, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 70, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 70, 83);  
box-shadow:4px 4px 4px 4px rgb(89, 70, 83)  
}
```

Background

The CSS property to change the background color of an element to YUV 77.1630, 2.8776, 10.3810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 70, 83) }
```

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

```
.background{ background-color: rgb(89, 70,  
83) }
```

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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