

Converting Colors

YUV(76.3820, -2.6533, 11.0660)

Have a look what the booklet for
YUV(76.3820, -2.6533, 11.0660)
contains.

YUV(76.3820, -2.6533, 11.0660)	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(76.3820, -2.6533,
11.0660)**

Conversions

Conversions Part 1

Format	Color
Hex	594747
RGB	89, 71, 71
RGB Percent	35%, 28%, 28%
CMY	0.6510, 0.7216, 0.7216
CMYK	0.00, 0.20, 0.20, 0.65
HSL	0°, 11%, 31%
HSV	0°, 20%, 35%
XYZ	7.5104, 7.0853, 6.9330
YIQ	76.3820, 10.7280, 3.8160

Conversions

Conversions Part 2

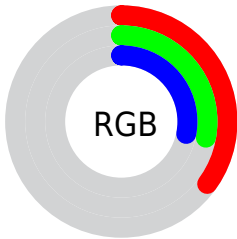
Format	Color
RYB	89, 71, 71
Decimal	5850951
CIELab	32.00, 7.66, 2.90
CIElCh	32, 8.189, 20.703
Yxy	7.0853, 0.3489, 0.3291
Android (android.graphics.Color)	4284041031 (0xFF594747)
YUV	76.3820, -2.6533, 11.0660
Hunter-Lab	26.6181, 3.7826, 3.1900

Details

The YUV color **76.3820, -2.6533, 11.0660** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **83.6180, 2.6533, -11.0660**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.9800, -2.9481, 12.2955**, and **32.4850, -2.2111, 9.2217** is the 20% darker color. If you saturate the color by 10%, you get **70.0730, -3.9800, 16.5990**, and if you desaturate by 10%, it is **82.6910, -1.3267, 5.5330**.

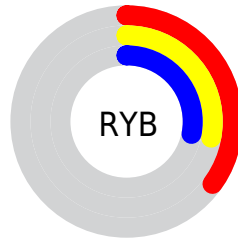
Distribution



 Red (35%)

 Green (28%)

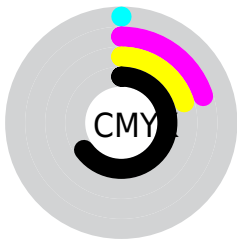
 Blue (28%)



 Red (35%)

 Yellow (28%)

 Blue (28%)

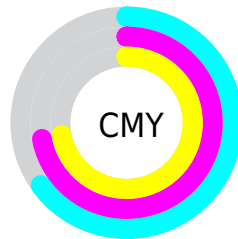


 Cyan (0%)

 Magenta (20%)

 Yellow (20%)

 Black (65%)



 Cyan (65%)

 Magenta (72%)

 Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.3820, -2.6533, 11.0660 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 76.3820, -2.6533, 11.0660 by changing the saturation by 10% instead.

■ 76.3820, -2.6533,
11.0660

■ 76.3820, -2.6533,
11.0660

255.0000, 0.0000,
0.0000

■ 53.7840, -2.3585,
9.8364

■ 124.9800, -2.9481,
12.2955

■ 32.4850, -2.2111,
9.2217

■ 151.2790, -3.0955,
12.9103

■ 7.8770, -3.3904,
14.1399

■ 178.1650, -3.5323,
13.0103

■ 0.0000, 0.0000,
0.0000

■ 205.5780, -3.2430,
13.5251

■ 233.8770, -3.3904,
14.1399

■ 76.3820, -2.6533,
11.0660

■ 76.3820, -2.6533,
11.0660

■ 70.0730, -3.9800,
16.5990

■ 82.6910, -1.3267,
5.5330

■ 63.7640, -5.3067,
22.1320

■ 89.0000, 0.0000,
0.0000

■ 57.4550, -6.6333,
27.6650

■ 95.3090, 1.3267,
-5.5330

■ 51.1460, -7.9600,
33.1980

■ 101.6180, 2.6533,
-11.0660

■ 45.5380, -9.1392,
38.1162

■ 107.2260, 3.8326,
-15.9842

■ 39.2290, -10.4659,
43.6492

■ 113.5350, 5.1592,
-21.5172

■ 32.9200, -11.7926,
49.1822

■ 119.8440, 6.4859,
-27.0502

■ 26.6110, -13.1192,

■ 126.1530, 7.8126,

54.7152

-32.5832

■ 132.4620, 9.1392,
-38.1162

Harmonies

Analogous

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



76.5820, 0.6991, 9.1366



76.3820, -2.6533, 11.0660



75.8010, -4.8319, 9.8215

Triad

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



76.3820, -2.6533, 11.0660



73.7560, -3.3307, -5.0480



74.3780, 6.7156, -7.3475

Complementary

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



76.3820, -2.6533, 11.0660



83.6180, 2.6533, -11.0660

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.



73.4160, 5.7109, -11.7658



76.3820, -2.6533, 11.0660



73.2330, -0.1149, -9.8513

Square

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



76.3820, -2.6533, 11.0660



74.5180, -5.6784, 1.2997



73.1340, 3.3849, -12.3955



75.4820, 5.6784, -1.2997

Rectangle

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



76.3820, -2.6533, 11.0660



75.1490, -5.9895, 7.7623



73.1340, 3.3849, -12.3955



74.2530, 6.2843, -8.9919

Sweetspot

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



76.3820, -2.6533, 11.0660



110.0930, -1.0318, 4.3034



78.4340, 5.2090, 9.2664



56.1960, -0.5896, 2.4591



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.



76.3820, -2.6533, 11.0660



95.3720, -4.1274, 17.2138



81.6650, -5.2578, 6.4328



40.1960, -0.5896, 2.4591



31.9930, -15.7725, 65.7811



70.2650, -34.6406, 144.4726

Inverse Universe

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



83.6180, 2.6533, -11.0660



106.6280, 4.1274, -17.2138



78.3350, 5.2578, -6.4328



41.8040, 0.5896, -2.4591



75.0070, 15.7725, -65.7811



164.7350, 34.6406, -144.4726

Previews

White Background



This preview shows how the YUV color 76.3820, -2.6533, 11.0660 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 76.3820, -2.6533, 11.0660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

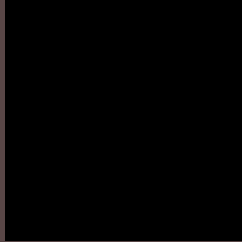
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.3820, -2.6533, 11.0660

Background



This preview shows how black text looks on a background with the YUV color 76.3820, -2.6533, 11.0660.



This preview shows how white text looks on a background with the YUV color 76.3820, -2.6533,

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

76.3820, -2.6533, 11.0660

Protanopia

75.3700, -1.1684, 1.4295

Deuteranopia

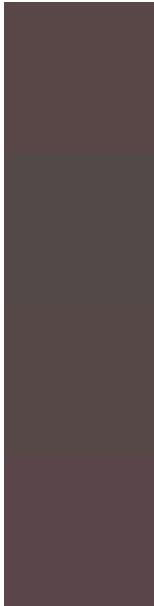
76.0610, -2.4951, 6.9625



Tritanopia

76.6640, -0.3274, 11.6957

Trichromacy



Original Color

76.3820, -2.6533, 11.0660

Protanomaly

75.8650, -1.9054, 4.5034

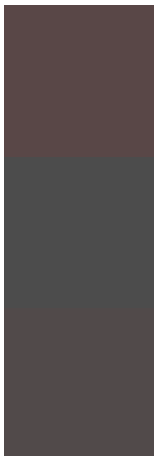
Deuteranomaly

76.0720, -2.5005, 8.7069

Tritanomaly

76.4360, -1.2009, 11.8956

Monochromacy



Original Color

76.3820, -2.6533, 11.0660

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

76.0930, -1.0318, 4.3034

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.3820, -2.6533, 11.0660 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, 71, 71)` looks like.

```
.text, #text, p{  
    color:rgb(89, 71, 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(89, 71, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 71, 71) }
```

Border

The CSS property to change the border of an element to YUV 76.3820, -2.6533, 11.0660 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, 71, 71) }
```


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

```
.border{ border-color:rgb(89, 71, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 71, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 71, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 71, 71);  
box-shadow:4px 4px 4px 4px rgb(89, 71, 71)  
}
```

Background

The CSS property to change the background color of an element to YUV 76.3820, -2.6533, 11.0660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 71, 71) }
```

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

```
.background{ background-color: rgb(89, 71,  
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](#).

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