

Converting Colors

YUV(80.3890, -3.1498, 30.3538)

Have a look what the booklet for
YUV(80.3890, -3.1498, 30.3538)
contains.

YUV(80.3890, -3.1498, 30.3538)	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(80.3890, -3.1498,
30.3538)**

Conversions

Conversions Part 1

Format	Color
Hex	73404A
RGB	115, 64, 74
RGB Percent	45%, 25%, 29%
CMY	0.5490, 0.7490, 0.7098
CMYK	0.00, 0.44, 0.36, 0.55
HSL	348°, 28%, 35%
HSV	348°, 44%, 45%
XYZ	10.1397, 7.8060, 7.4509
YIQ	80.3890, 27.1860, 13.9220

Conversions

Conversions Part 2

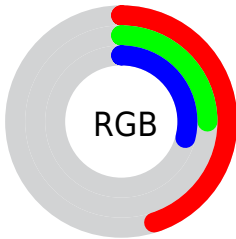
Format	Color
RYB	115, 64, 74
Decimal	7553098
CIELab	33.58, 23.45, 3.67
CIElCh	34, 23.734, 8.896
Yxy	7.8060, 0.3993, 0.3074
Android (android.graphics.Color)	4285743178 (0xFF73404A)
YUV	80.3890, -3.1498, 30.3538
Hunter-Lab	27.9393, 15.8870, 3.7460

Details

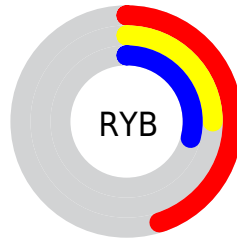
The YUV color **80.3890, -3.1498, 30.3538** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **98.6110, 3.1498, -30.3538**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.8840, -3.8868, 33.4277**, and **33.7090, -1.8285, 26.5652** is the 20% darker color. If you saturate the color by 10%, you get **72.9060, -3.8977, 36.9164**, and if you desaturate by 10%, it is **88.4590, -2.6913, 23.2765**.

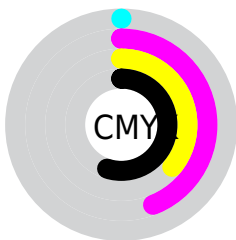
Distribution



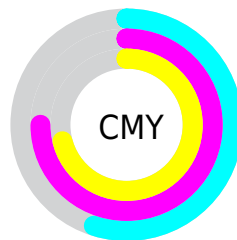
- Red (45%)
- Green (25%)
- Blue (29%)



- Red (45%)
- Yellow (25%)
- Blue (29%)



- Cyan (0%)
- Magenta (44%)
- Yellow (36%)
- Black (55%)



- Cyan (55%)
- Magenta (75%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.3890, -3.1498, 30.3538 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 80.3890, -3.1498, 30.3538 by changing the saturation by 10% instead.

■ 80.3890, -3.1498,
30.3538

■ 80.3890, -3.1498,
30.3538

■ 255.0000, 0.0000,
0.0000

■ 56.4920, -2.7076,
28.5095

■ 130.8840, -3.8868,
33.4277

■ 33.7090, -1.8285,
26.5652

■ 157.0690, -4.4710,
34.1425

■ 13.4270, -4.1545,
25.9355

■ 184.0800, -4.4764,
35.8868

■ 0.0000, 0.0000,
0.0000

■ 211.6780, -4.7713,
37.1164

■ 231.6050, -0.7913,
20.5174

■ 251.4780, 1.7363,

3.0888

■ 80.3890, -3.1498,
30.3538

■ 80.3890, -3.1498,
30.3538

■ 72.9060, -3.8977,
36.9164

■ 88.4590, -2.6913,
23.2765

■ 64.8360, -4.3561,
43.9938

■ 95.9420, -1.9434,
16.7139

■ 56.6520, -5.2514,
51.1712

■ 103.5390, -0.7587,
10.0513

■ 49.1690, -5.9993,
57.7338

■ 111.6090, -0.3002,
2.9739

■ 41.0990, -6.4578,
64.8112

■ 119.6790, 0.1583,
-4.1035

■ 37.0070, -6.9055,
68.3999

■ 127.1620, 0.9061,
-10.6661

■ 135.3460, 1.8014,
-17.8434

■ 142.8290, 2.5493,
-24.4060

■ 150.8990, 3.0078,
-31.4834

Harmonies

Analogous

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



81.3370, 5.7499, 22.5065



80.3890, -3.1498, 30.3538



79.5000, -11.5855, 29.3795

Triad

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



80.3890, -3.1498, 30.3538



74.9160, -12.7766, -8.6963



69.4690, 21.9538, -41.6303

Complementary

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



80.3890, -3.1498, 30.3538



98.6110, 3.1498, -30.3538

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.



63.2840, 19.0870, -55.5001



80.3890, -3.1498, 30.3538



71.3250, -3.1182, -26.5950

Square

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



80.3890, -3.1498, 30.3538



77.3480, -17.9196, 7.5878



63.3140, 10.1982, -51.1414



77.5370, 18.9623, -15.3799

Rectangle

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



80.3890, -3.1498, 30.3538



78.7290, -15.6424, 23.9167



63.3140, 10.1982, -51.1414



64.0330, 23.1547, -53.5259

Sweetspot

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



80.3890, -3.1498, 30.3538



137.1370, -1.0535, 11.2809



82.0730, 16.2330, 20.1070



68.2290, -0.6059, 7.6922



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



80.3890, -3.1498, 30.3538



96.3310, -5.0932, 47.0677



88.0540, -11.8586, 23.6316



54.9080, -0.4476, 3.5887



39.2140, -7.5005, 72.6033



80.3360, -15.4486, 148.7953

Inverse Universe

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



80.3890, -3.1498, 30.3538



96.3310, -5.0932, 47.0677



90.9460, 11.8586, -23.6316



54.9080, -0.4476, 3.5887



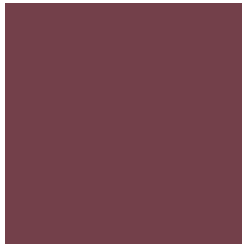
39.2140, -7.5005, 72.6033



80.3360, -15.4486, 148.7953

Previews

White Background



This preview shows how the YUV color 80.3890, -3.1498, 30.3538 looks on a white background.

Color Contrast Check

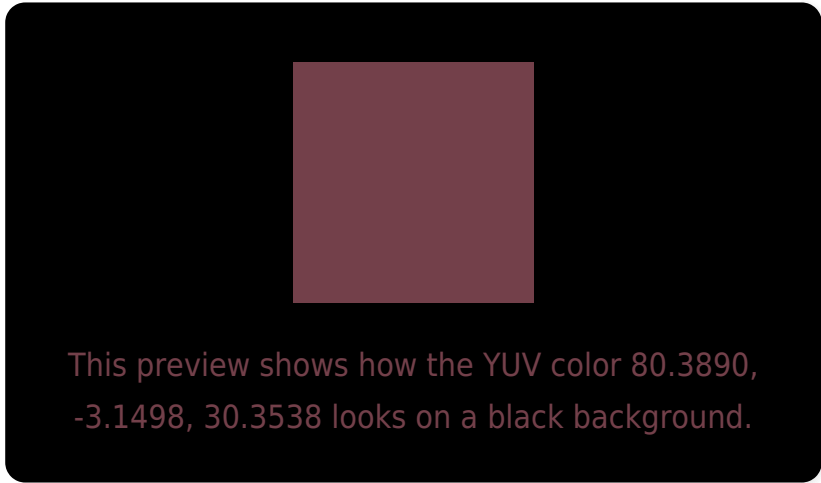
Large Text (above 18pt) WCAG AA ✓ Pass

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

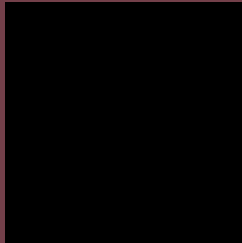
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 80.3890, -3.1498, 30.3538

Background



This preview shows how black text looks on a background with the YUV color 80.3890, -3.1498, 30.3538.



This preview shows how white text looks on a background with the YUV color 80.3890, -3.1498,

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

80.3890, -3.1498, 30.3538

Protanopia

79.6410, 1.1630, 0.3148

Deuteranopia

80.3170, -4.1003, 8.4920



Tritanopia

80.5200, -5.1864, 30.2390

Trichromacy



Original Color

80.3890, -3.1498, 30.3538

Protanomaly

80.2510, -0.6167, 11.1809

Deuteranomaly

80.1870, -3.5432, 16.4990

Tritanomaly

80.6340, -4.7496, 30.1390

Monochromacy



Original Color

80.3890, -3.1498, 30.3538

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

80.1370, -1.0535, 11.2809

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.3890, -3.1498, 30.3538 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(115, 64, 74)` looks like.

```
.text, #text, p{  
    color:rgb(115, 64, 74)  
}
```

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(115, 64, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 64, 74) }
```

Border

The CSS property to change the border of an element to YUV 80.3890, -3.1498, 30.3538 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(115, 64, 74) }
```


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

```
.border{ border-color:rgb(115, 64, 74) }
```

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

Here you see how a box with a 4 pixel rgb(115, 64, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 64, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 64, 74);  
box-shadow:4px 4px 4px 4px rgb(115, 64,  
74) }
```

Background

The CSS property to change the background color of an element to YUV 80.3890, -3.1498, 30.3538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 64, 74) }
```

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

```
.background{ background-color: rgb(115, 64,  
74) }
```

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