

Converting Colors

YUV(80.9290, -5.3880, 48.2973)

Have a look what the booklet for
YUV(80.9290, -5.3880, 48.2973)
contains.

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Color

**YUV(80.9290, -5.3880,
48.2973)**

Conversions

Conversions Part 1

Format	Color
Hex	883746
RGB	136, 55, 70
RGB Percent	53%, 22%, 27%
CMY	0.4667, 0.7843, 0.7255
CMYK	0.00, 0.60, 0.49, 0.47
HSL	349°, 42%, 37%
HSV	349°, 60%, 53%
XYZ	12.6250, 8.4088, 6.7520
YIQ	80.9290, 43.4610, 21.8370

Conversions

Conversions Part 2

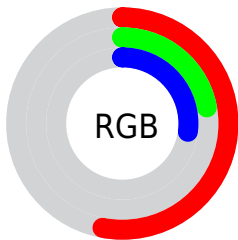
Format	Color
R_{YB}	136, 55, 70
Decimal	8927046
CIE _{Lab}	34.82, 36.06, 8.46
CIE _{LCh}	35, 37.040, 13.200
Yxy	8.4088, 0.4544, 0.3026
Android (android.graphics.Color)	4287117126 (0xFF883746)
YUV	80.9290, -5.3880, 48.2973
Hunter-Lab	28.9980, 26.9683, 6.4932

Details

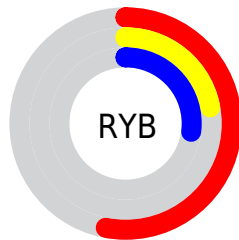
The YUV color **80.9290, -5.3880, 48.2973** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **110.0710, 5.3880, -48.2973**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.7940, -7.2934, 52.8007**, and **28.1830, -0.5832, 47.1975** is the 20% darker color. If you saturate the color by 10%, you get **71.4570, -6.1413, 56.6042**, and if you desaturate by 10%, it is **90.4010, -4.6347, 39.9903**.

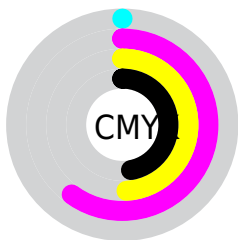
Distribution



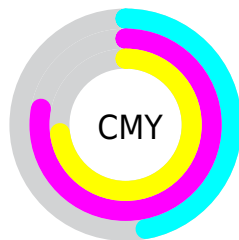
- Red (53%)
- Green (22%)
- Blue (27%)



- Red (53%)
- Yellow (22%)
- Blue (27%)



- Cyan (0%)
- Magenta (60%)
- Yellow (49%)
- Black (47%)



- Cyan (47%)
- Magenta (78%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.9290, -5.3880, 48.2973 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 80.9290, -5.3880, 48.2973 by changing the saturation by 10% instead.

80.9290, -5.3880,
48.2973

80.9290, -5.3880,
48.2973

255.0000, 0.0000,
0.0000

55.6730, -3.7828,
46.7678

132.7940, -7.2934,
52.8007

28.1830, -0.5832,
47.1975

159.6910, -7.7357,
54.6450

17.0430, -8.4022,
35.0423

187.1750, -8.4673,
55.9745

8.1870, -3.5432,
16.4990

207.8850, -5.3663,
41.3199

0.0000, 0.0000,
0.0000

227.5130, -1.2389,
24.1061

247.8420, 3.0359,

6.2776

■ 80.9290, -5.3880,
48.2973

■ 80.9290, -5.3880,
48.2973

■ 71.4570, -6.1413,
56.6042

■ 90.4010, -4.6347,
39.9903

■ 62.5720, -7.1840,
64.3964

■ 99.2860, -3.5920,
32.1982

■ 53.1000, -7.9373,
72.7033

■ 108.7580, -2.8387,
23.8912

■ 44.2150, -8.9800,
80.4954

■ 117.6430, -1.7960,
16.0991

■ 43.5140, -9.1274,
81.1102

■ 127.1150, -1.0427,
7.7921

■ 136.5870, -0.2894,
-0.5148

■ 145.5860, 1.1901,
-8.4069

■ 155.0580, 1.9434,
-16.7139

■ 163.9430, 2.9861,
-24.5060

Harmonies

Analogous

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



83.4190, 8.1744, 38.2205



80.9290, -5.3880, 48.2973



80.7530, -18.6122, 43.1896

Triad

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



80.9290, -5.3880, 48.2973



73.0690, -18.2750, -18.4775



68.5620, 34.2329, -60.1289

Complementary

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



80.9290, -5.3880, 48.2973



110.0710, 5.3880, -48.2973

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.



69.6730, 25.7972, -61.1032



80.9290, -5.3880, 48.2973



63.0610, 0.4629, -55.3045

Square

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



80.9290, -5.3880, 48.2973



76.8890, -28.5393, 7.1133



67.0680, 13.2775, -58.8186



78.6420, 29.7565, -24.2420

Rectangle

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



80.9290, -5.3880, 48.2973



79.5640, -25.4211, 33.7084



67.0680, 13.2775, -58.8186



69.2800, 31.9070, -60.7586

Sweetspot

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



80.9290, -5.3880, 48.2973



154.2520, -2.0962, 19.0730



83.6690, 25.7992, 31.8623



76.0230, -1.4903, 11.3808



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



80.9290, -5.3880, 48.2973



90.9970, -8.3795, 74.5476



93.3070, -18.8854, 37.4418



64.2070, -0.5951, 4.2035



42.6170, -8.6852, 79.2659



1.6090, -0.3002, 2.9739

Inverse Universe

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



80.9290, -5.3880, 48.2973



90.9970, -8.3795, 74.5476



97.6930, 18.8854, -37.4418



64.2070, -0.5951, 4.2035



42.6170, -8.6852, 79.2659



1.6090, -0.3002, 2.9739

Previews

White Background



This preview shows how the YUV color 80.9290, -5.3880, 48.2973 looks on a white background.

Color Contrast Check

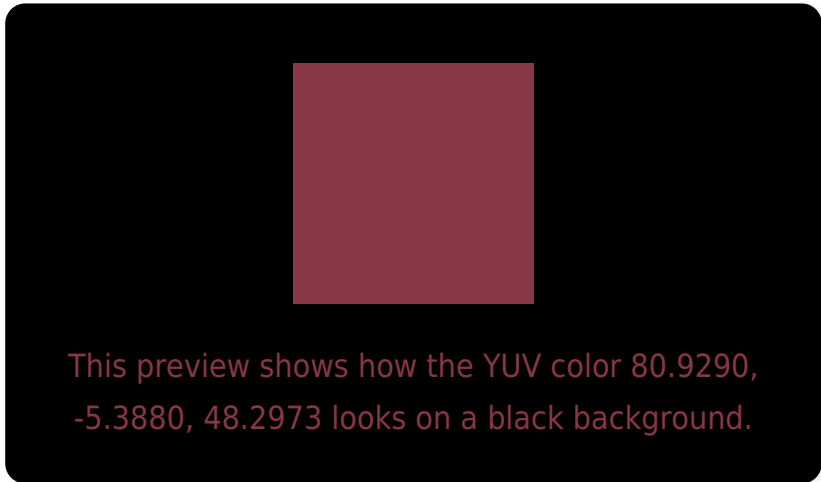
Large Text (above 18pt) WCAG AA ✓ Pass

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

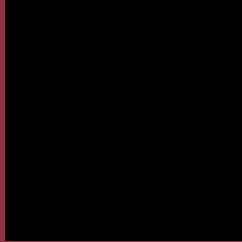
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 80.9290, -5.3880, 48.2973

Background



This preview shows how black text looks on a background with the YUV color 80.9290, -5.3880, 48.2973.



This preview shows how white text looks on a background with the YUV color 80.9290, -5.3880,

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

80.9290, -5.3880, 48.2973

Protanopia

82.8260, 0.5788, 1.0296

Deuteranopia

82.6010, -8.1843, 11.7509



Tritanopia

80.6640, -10.1874, 47.6527

Trichromacy



Original Color

80.9290, -5.3880, 48.2973

Protanomaly

82.0670, -1.5120, 18.3582

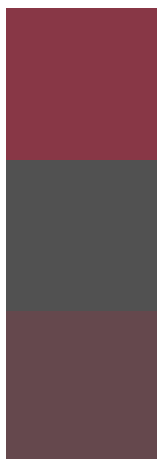
Deuteranomaly

81.9170, -7.3541, 25.5058

Tritanomaly

80.5330, -8.1508, 47.7676

Monochromacy



Original Color

80.9290, -5.3880, 48.2973

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

81.2410, -2.0908, 17.3286

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.9290, -5.3880, 48.2973 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(136, 55, 70)` looks like.

```
.text, #text, p{  
    color:rgb(136, 55, 70)  
}
```

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(136, 55, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 55, 70) }
```

Border

The CSS property to change the border of an element to YUV 80.9290, -5.3880, 48.2973 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(136, 55, 70) }
```


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

```
.border{ border-color:rgb(136, 55, 70) }
```

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

Here you see how a box with a 4 pixel rgb(136, 55, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 55, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 55, 70);  
box-shadow:4px 4px 4px 4px rgb(136, 55,  
70) }
```

Background

The CSS property to change the background color of an element to YUV 80.9290, -5.3880, 48.2973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 55, 70) }
```

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

```
.background{ background-color: rgb(136, 55,  
70) }
```

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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