

Converting Colors

YUV(79.3420, -5.0986, 48.8121)

Have a look what the booklet for
YUV(79.3420, -5.0986, 48.8121)
contains.

YUV(79.3420, -5.0986, 48.8121)	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(79.3420, -5.0986,
48.8121)**

Conversions

Conversions Part 1

Format	Color
Hex	873545
RGB	135, 53, 69
RGB Percent	53%, 21%, 27%
CMY	0.4706, 0.7922, 0.7294
CMYK	0.00, 0.61, 0.49, 0.47
HSL	348°, 44%, 37%
HSV	348°, 61%, 53%
XYZ	12.3390, 8.1268, 6.5485
YIQ	79.3420, 43.7360, 22.3600

Conversions

Conversions Part 2

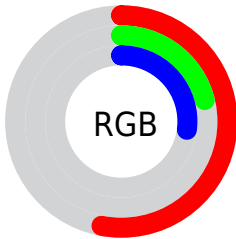
Format	Color
RYB	135, 53, 69
Decimal	8860997
CIELab	34.25, 36.60, 8.27
CIELCh	34, 37.520, 12.735
Yxy	8.1268, 0.4568, 0.3008
Android (android.graphics.Color)	4287051077 (0xFF873545)
YUV	79.3420, -5.0986, 48.8121
Hunter-Lab	28.5075, 27.3724, 6.3356

Details

The YUV color **79.3420, -5.0986, 48.8121** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **108.6580, 5.0986, -48.8121**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.2070, -7.0041, 53.3155**, and **27.1830, -0.5832, 47.1975** is the 20% darker color. If you saturate the color by 10%, you get **70.4570, -6.1413, 56.6042**, and if you desaturate by 10%, it is **88.8140, -4.3453, 40.5051**.

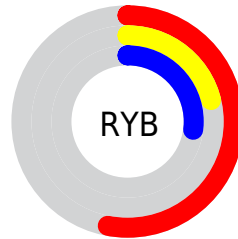
Distribution



Red (53%)

Green (21%)

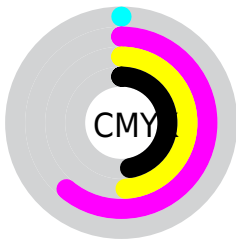
Blue (27%)



Red (53%)

Yellow (21%)

Blue (27%)

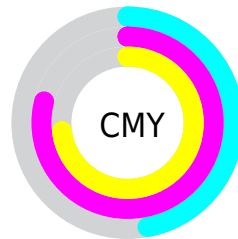


Cyan (0%)

Magenta (61%)

Yellow (49%)

Black (47%)



Cyan (47%)

Magenta (79%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 79.3420, -5.0986, 48.8121 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 79.3420, -5.0986, 48.8121 by changing the saturation by 10% instead.

■ 79.3420, -5.0986,
48.8121

■ 79.3420, -5.0986,
48.8121

■ 255.0000, 0.0000,
0.0000

■ 54.0860, -3.4934,
47.2826

■ 131.2070, -7.0041,
53.3155

■ 27.1830, -0.5832,
47.1975

■ 158.1040, -7.4463,
55.1598

■ 16.7440, -8.2548,
34.4275

■ 185.5880, -8.1779,
56.4893

■ 7.2900, -3.1010,
14.6547

■ 206.5970, -5.2243,
42.4494

■ 0.0000, 0.0000,
0.0000

■ 226.2250, -1.0969,
25.2357

■ 245.9670, 3.4673,

7.9219

■ 79.3420, -5.0986,
48.8121

■ 79.3420, -5.0986,
48.8121

■ 70.4570, -6.1413,
56.6042

■ 88.8140, -4.3453,
40.5051

■ 60.9850, -6.8946,
64.9112

■ 97.6990, -3.3026,
32.7130

■ 52.1000, -7.9373,
72.7033

■ 107.1710, -2.5493,
24.4060

■ 43.3290, -8.5432,
80.3955

■ 115.9420, -1.9434,
16.7139

■ 125.4140, -1.1901,
8.4069

■ 134.2990, -0.1474,
0.6148

■ 143.7710, 0.6059,
-7.6922

■ 152.6560, 1.6486,
-15.4843

■ 162.1280, 2.4019,
-23.7913

Harmonies

Analogous

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



81.8320, 8.4638, 38.7353



79.3420, -5.0986, 48.8121



79.0520, -18.7596, 43.8044

Triad

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



79.3420, -5.0986, 48.8121



71.9550, -18.7118, -18.3775



67.8610, 34.0855, -59.5141

Complementary

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



79.3420, -5.0986, 48.8121



108.6580, 5.0986, -48.8121

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.



68.2710, 25.5024, -59.8737



79.3420, -5.0986, 48.8121



62.2460, -0.1213, -54.5897

Square

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



79.3420, -5.0986, 48.8121



75.6610, -29.4129, 7.3133



66.3670, 13.1301, -58.2039



76.8590, 30.6355, -26.1863

Rectangle

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



79.3420, -5.0986, 48.8121



78.7490, -26.0053, 34.4231



66.3670, 13.1301, -58.2039



68.5790, 31.7596, -60.1438

Sweetspot

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



79.3420, -5.0986, 48.8121



154.2520, -2.0962, 19.0730



82.0820, 26.0886, 32.3771



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.



79.3420, -5.0986, 48.8121



89.1220, -7.9481, 76.1920



92.1930, -19.3221, 37.5417



61.9080, -0.4476, 3.5887



41.7200, -8.2430, 77.4216



0.8970, -0.4422, 1.8443

Inverse Universe

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



79.3420, -5.0986, 48.8121



89.1220, -7.9481, 76.1920



95.8070, 19.3221, -37.5417



61.9080, -0.4476, 3.5887



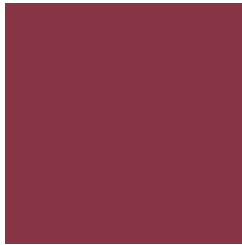
41.7200, -8.2430, 77.4216



0.8970, -0.4422, 1.8443

Previews

White Background



This preview shows how the YUV color 79.3420, -5.0986, 48.8121 looks on a white background.

Color Contrast Check

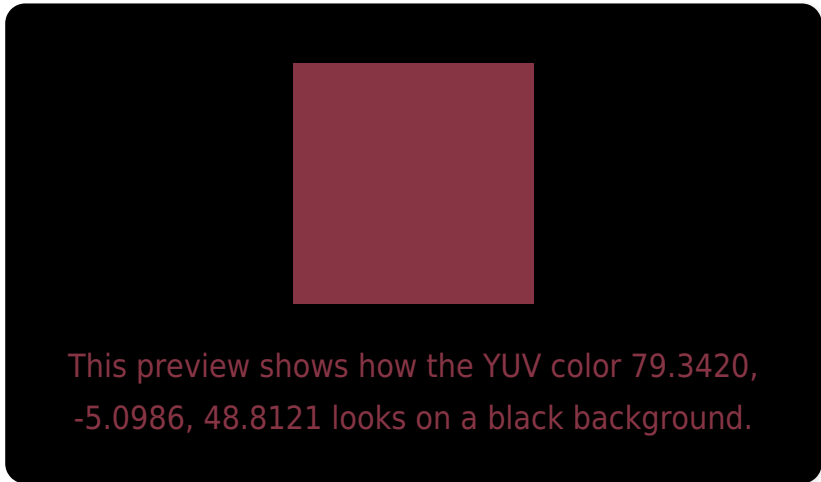
Large Text (above 18pt) WCAG AA ✓ Pass

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 79.3420, -5.0986, 48.8121

Background



This preview shows how black text looks on a background with the YUV color 79.3420, -5.0986, 48.8121.



This preview shows how white text looks on a background with the YUV color 79.3420, -5.0986,

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

79.3420, -5.0986, 48.8121

Protanopia

81.6410, 1.1630, 0.3148

Deuteranopia

81.6010, -8.1843, 11.7509



Tritanopia

78.9630, -10.3348, 48.2674

Trichromacy



Original Color

79.3420, -5.0986, 48.8121

Protanomaly

80.8820, -0.9278, 17.6435

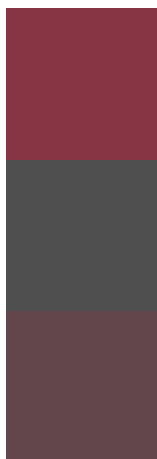
Deuteranomaly

80.9170, -7.3541, 25.5058

Tritanomaly

78.8320, -8.2982, 48.3823

Monochromacy



Original Color

79.3420, -5.0986, 48.8121

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

79.2410, -2.0908, 17.3286

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.3420, -5.0986, 48.8121 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(135, 53, 69)` looks like.

```
.text, #text, p{  
    color:rgb(135, 53, 69)  
}
```

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(135, 53, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 53, 69) }
```

Border

The CSS property to change the border of an element to YUV 79.3420, -5.0986, 48.8121 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(135, 53, 69) }
```


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

```
.border{ border-color:rgb(135, 53, 69) }
```

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

Here you see how a box with a 4 pixel rgb(135, 53, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 53, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 53, 69);  
box-shadow:4px 4px 4px 4px rgb(135, 53,  
69) }
```

Background

The CSS property to change the background color of an element to YUV 79.3420, -5.0986, 48.8121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 53, 69) }
```

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

```
.background{ background-color: rgb(135, 53,  
69) }
```

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