

Converting Colors

YUV(75.8570, -2.8875, 39.5904)

Have a look what the booklet for
YUV(75.8570, -2.8875, 39.5904)
contains.

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Color

**YUV(75.8570, -2.8875,
39.5904)**

Conversions

Conversions Part 1

Format	Color
Hex	793646
RGB	121, 54, 70
RGB Percent	47%, 21%, 27%
CMY	0.5255, 0.7882, 0.7255
CMYK	0.00, 0.55, 0.42, 0.53
HSL	346°, 38%, 34%
HSV	346°, 55%, 47%
XYZ	10.3098, 7.1455, 6.6302
YIQ	75.8570, 34.7960, 19.1800

Conversions

Conversions Part 2

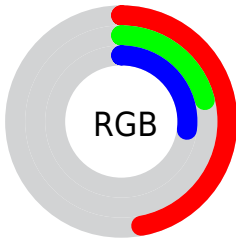
Format	Color
R _Y B	121, 54, 70
Decimal	7943750
CIE Lab	32.14, 30.97, 4.31
CIE LCh	32, 31.272, 7.920
Yxy	7.1455, 0.4281, 0.2967
Android (android.graphics.Color)	4286133830 (0xFF793646)
YUV	75.8570, -2.8875, 39.5904
Hunter-Lab	26.7310, 22.0659, 4.0058

Details

The YUV color **75.8570, -2.8875, 39.5904** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **99.1430, 2.8875, -39.5904**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.5370, -4.2087, 43.3791**, and **26.0570, 0.4649, 37.6610** is the 20% darker color. If you saturate the color by 10%, you get **67.7870, -3.3460, 46.6678**, and if you desaturate by 10%, it is **83.9270, -2.4290, 32.5130**.

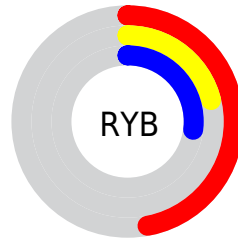
Distribution



Red (47%)

Green (21%)

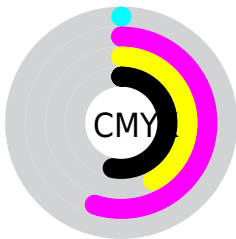
Blue (27%)



Red (47%)

Yellow (21%)

Blue (27%)

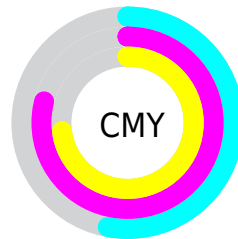


Cyan (0%)

Magenta (55%)

Yellow (42%)

Black (53%)



Cyan (53%)

Magenta (79%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.8570, -2.8875, 39.5904 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 75.8570, -2.8875, 39.5904 by changing the saturation by 10% instead.

■ 75.8570, -2.8875,
39.5904

■ 75.8570, -2.8875,
39.5904

255.0000, 0.0000,
0.0000

■ 51.4870, -1.7191,
38.1609

■ 126.5370, -4.2087,
43.3791

■ 26.0570, 0.4649,
37.6610

■ 153.1350, -4.5036,
44.6086

■ 14.0530, -6.9281,
28.8945

■ 180.0320, -4.9458,
46.4529

■ 0.0000, 0.0000,
0.0000

■ 206.1240, -4.4981,
42.8643

■ 225.7520, -0.3707,
25.6505

■ 245.4940, 4.1935,

■ 75.8570, -2.8875,
39.5904

■ 75.8570, -2.8875,
39.5904

■ 67.7870, -3.3460,
46.6678

■ 83.9270, -2.4290,
32.5130

■ 59.7170, -3.8045,
53.7452

■ 91.9970, -1.9705,
25.4356

■ 51.5330, -4.6998,
60.9226

■ 100.1810, -1.0752,
18.2583

■ 43.4630, -5.1583,
67.9999

■ 108.2510, -0.6167,
11.1809

■ 39.4850, -5.1691,
71.4887

■ 116.3210, -0.1583,
4.1035

■ 124.9780, 0.0108,
-3.4887

■ 133.0480, 0.4693,
-10.5661

■ 141.2320, 1.3646,
-17.7435

■ 149.3020, 1.8231,
-24.8209

Harmonies

Analogous

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



77.4780, 8.6383, 29.3988



75.8570, -2.8875, 39.5904



75.2730, -13.9386, 37.4716

Triad

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



75.8570, -2.8875, 39.5904



69.7540, -17.1337, -11.1853



62.5150, 28.8331, -54.8257

Complementary

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



75.8570, -2.8875, 39.5904



99.1430, 2.8875, -39.5904

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.



63.0390, 20.6868, -55.2852



75.8570, -2.8875, 39.5904



61.9490, -2.9329, -39.4203

Square

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



75.8570, -2.8875, 39.5904



72.1650, -23.7453, 9.5023



61.0040, 10.3510, -53.5005



71.6050, 25.8307, -25.0866

Rectangle

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



75.8570, -2.8875, 39.5904



74.9210, -20.1741, 30.7643



61.0040, 10.3510, -53.5005



63.2330, 26.5071, -55.4553

Sweetspot

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



75.8570, -2.8875, 39.5904



139.8710, -0.9224, 15.8991



76.5880, 21.8951, 24.0403



68.2400, -0.6113, 9.4365



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



75.8570, -2.8875, 39.5904



87.9460, -4.4104, 61.4374



84.0120, -14.7959, 32.4385



57.0220, -0.0108, 3.4887



40.7950, -5.3219, 73.8478



82.1880, -10.9387, 148.9251

Inverse Universe

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



75.8570, -2.8875, 39.5904



87.9460, -4.4104, 61.4374



90.9880, 14.7959, -32.4385



57.0220, -0.0108, 3.4887



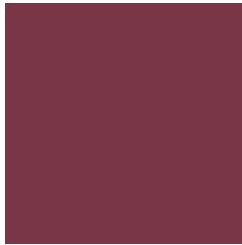
40.7950, -5.3219, 73.8478



82.1880, -10.9387, 148.9251

Previews

White Background



This preview shows how the YUV color 75.8570, -2.8875, 39.5904 looks on a white background.

Color Contrast Check

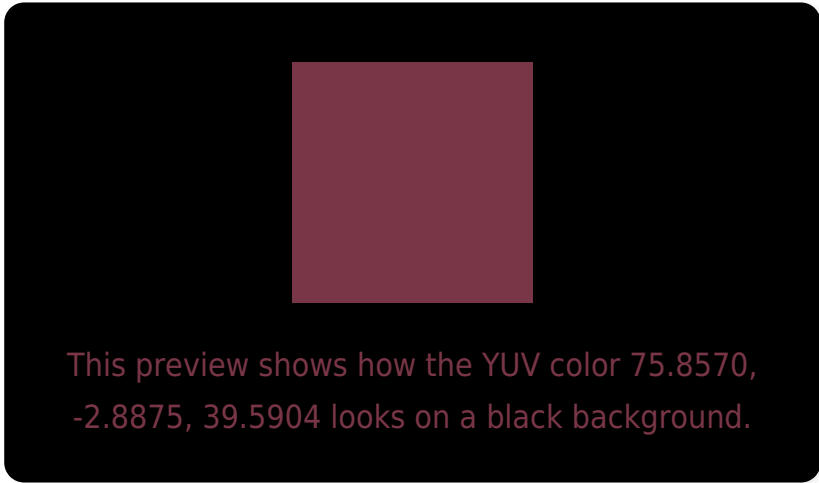
Large Text (above 18pt) WCAG AA ✓ Pass

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

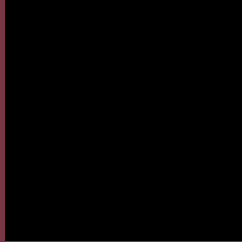
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 75.8570, -2.8875, 39.5904

Background



This preview shows how black text looks on a background with the YUV color 75.8570, -2.8875, 39.5904.



This preview shows how white text looks on a background with the YUV color 75.8570, -2.8875,

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

75.8570, -2.8875, 39.5904

Protanopia

76.6840, 2.6208, -0.5999

Deuteranopia

77.0890, -4.9739, 8.6919



Tritanopia

75.5920, -7.6869, 38.9458

Trichromacy



Original Color

75.8570, -2.8875, 39.5904

Protanomaly

76.3160, 0.8302, 13.7549

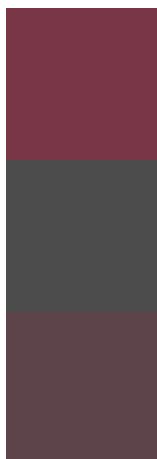
Deuteranomaly

76.6820, -4.2802, 19.5729

Tritanomaly

75.4610, -5.6503, 39.0607

Monochromacy



Original Color

75.8570, -2.8875, 39.5904

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

75.8600, -0.9170, 14.1548

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.8570, -2.8875, 39.5904 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(121, 54, 70)` looks like.

```
.text, #text, p{  
    color:rgb(121, 54, 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(121, 54, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 54, 70) }
```

Border

The CSS property to change the border of an element to YUV 75.8570, -2.8875, 39.5904 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(121, 54, 70) }
```


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

```
.border{ border-color:rgb(121, 54, 70) }
```

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

Here you see how a box with a 4 pixel rgb(121, 54, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 54, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 54, 70);  
box-shadow:4px 4px 4px 4px rgb(121, 54,  
70) }
```

Background

The CSS property to change the background color of an element to YUV 75.8570, -2.8875, 39.5904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 54, 70) }
```

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

```
.background{ background-color: rgb(121, 54,  
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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