

Converting Colors

YUV(73.2820, 5.7770, 13.7847)

Have a look what the booklet for
YUV(73.2820, 5.7770, 13.7847)
contains.

YUV(73.2820, 5.7770, 13.7847)	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(73.2820, 5.7770,
13.7847)**

Conversions

Conversions Part 1

Format	Color
Hex	593F55
RGB	89, 63, 85
RGB Percent	35%, 25%, 33%
CMY	0.6510, 0.7529, 0.6667
CMYK	0.00, 0.29, 0.04, 0.65
HSL	309°, 17%, 30%
HSV	309°, 29%, 35%
XYZ	7.5370, 6.3347, 9.4198
YIQ	73.2820, 8.4340, 12.3540

Conversions

Conversions Part 2

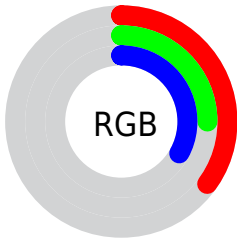
Format	Color
R_{YB}	89, 63, 85
Decimal	5848917
CIE Lab	30.24, 15.49, -8.73
CIE LCh	30, 17.783, 330.605
Yxy	6.3347, 0.3236, 0.2720
Android (android.graphics.Color)	4284038997 (0xFF593F55)
YUV	73.2820, 5.7770, 13.7847
Hunter-Lab	25.1689, 9.4076, -4.5719

Details

The YUV color **73.2820, 5.7770, 13.7847** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **78.7180, -5.7770, -13.7847**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **122.1080, 6.3558, 14.8143**, and **29.1570, 5.3456, 12.1403** is the 20% darker color. If you saturate the color by 10%, you get **67.8850, 7.9447, 18.5179**, and if you desaturate by 10%, it is **78.6790, 3.6093, 9.0515**.

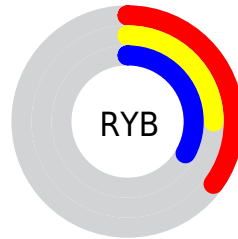
Distribution



Red (35%)

Green (25%)

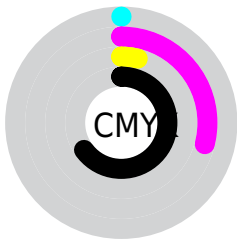
Blue (33%)



Red (35%)

Yellow (25%)

Blue (33%)

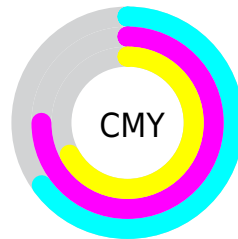


Cyan (0%)

Magenta (29%)

Yellow (4%)

Black (65%)



Cyan (65%)

Magenta (75%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 73.2820, 5.7770, 13.7847 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 73.2820, 5.7770, 13.7847 by changing the saturation by 10% instead.

■ 73.2820, 5.7770,
13.7847

■ 73.2820, 5.7770,
13.7847

■ 255.0000, 0.0000,
0.0000

■ 50.5700, 5.6350,
12.6551

■ 122.1080, 6.3558,
14.8143

■ 29.1570, 5.3456,
12.1403

■ 147.8200, 6.4977,
15.9439

■ 9.7550, 5.0508,
13.3699

■ 174.8200, 6.4977,
15.9439

■ 0.0000, 0.0000,
0.0000

■ 202.2330, 6.7871,
16.4587

■ 230.5320, 6.6397,
17.0734

■ 249.7170, 2.6045,

4.6332

■ 73.2820, 5.7770,
13.7847

■ 73.2820, 5.7770,
13.7847

■ 67.8850, 7.9447,
18.5179

■ 78.6790, 3.6093,
9.0515

■ 62.3740, 9.6756,
23.3510

■ 84.1900, 1.8783,
4.2184

■ 56.9770, 11.8433,
28.0842

■ 89.5870, -0.2894,
-0.5148

■ 51.5800, 14.0111,
32.8173

■ 94.9840, -2.4571,
-5.2480

■ 46.6560, 15.4526,
37.1357

■ 100.4950, -4.1880,
-10.0811

■ 41.2590, 17.6203,
41.8689

■ 105.3050, -6.0664,
-14.2995

■ 35.7480, 19.3512,
46.7020

■ 110.8160, -7.7973,
-19.1326

■ 35.1610, 19.6406,
47.2168

■ 116.2130, -9.9650,
-23.8658

■ 121.6100,
-12.1327, -28.5990

Harmonies

Analogous

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



72.5730, 11.0565, 0.3745



73.2820, 5.7770, 13.7847



72.9040, -0.9387, 21.1322

Triad

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



73.2820, 5.7770, 13.7847



69.9120, -13.2676, 8.8472



62.3530, 11.1650, -34.5126

Complementary

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



73.2820, 5.7770, 13.7847



78.7180, -5.7770, -13.7847

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.



64.3340, 3.2863, -27.4799



73.2820, 5.7770, 13.7847



69.1170, -10.9037, -2.7336

Square

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



73.2820, 5.7770, 13.7847



71.7220, -11.6949, 17.7838



66.6470, -4.7560, -14.5994



65.0100, 14.7851, -28.9498

Rectangle

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



73.2820, 5.7770, 13.7847



72.4760, -5.1647, 23.2615



66.6470, -4.7560, -14.5994



62.9680, 8.3968, -33.2979

Sweetspot

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



73.2820, 5.7770, 13.7847



108.3150, 2.3097, 5.8627



67.1600, 10.7671, -0.1403



54.7770, 1.5889, 3.7036



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.



73.2820, 5.7770, 13.7847



90.8360, 8.9549, 21.1918



71.8000, 0.0986, 15.0844



40.6520, 1.1576, 2.0592



42.3670, 23.9761, 56.6831



92.9510, 52.2822, 124.5770

Inverse Universe

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



73.2820, 5.7770, 13.7847



90.8360, 8.9549, 21.1918



80.2000, -0.0986, -15.0844



40.6520, 1.1576, 2.0592



42.3670, 23.9761, 56.6831



92.9510, 52.2822, 124.5770

Previews

White Background



This preview shows how the YUV color 73.2820, 5.7770, 13.7847 looks on a white background.

Color Contrast Check

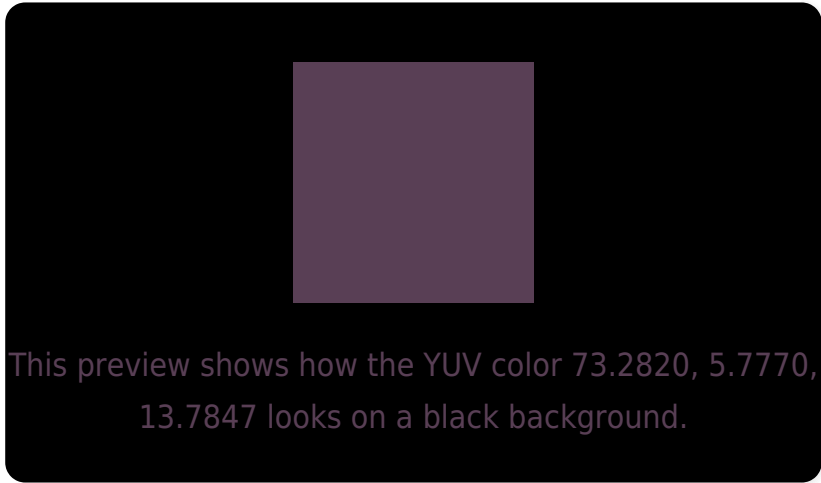
Large Text (above 18pt) WCAG AA ✓ Pass

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

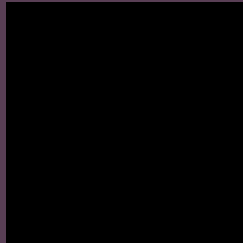
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 73.2820, 5.7770, 13.7847

Background



This preview shows how black text looks on a background with the YUV color 73.2820, 5.7770, 13.7847.



This preview shows how white text looks on a background with the YUV color 73.2820, 5.7770,

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

73.2820, 5.7770, 13.7847

Protanopia

71.9700, 8.8888, -4.3587

Deuteranopia

72.1940, 5.8204, -0.1701



Tritanopia

72.8490, -0.9116, 12.4104

Trichromacy



Original Color

73.2820, 5.7770, 13.7847

Protanomaly

72.3730, 7.7041, 2.3039

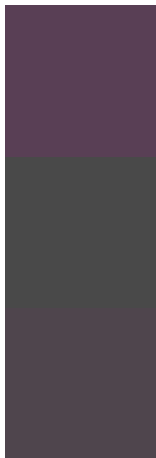
Deuteranomaly

72.2270, 5.8041, 5.0629

Tritanomaly

73.1310, 1.4144, 13.0401

Monochromacy



Original Color

73.2820, 5.7770, 13.7847

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

72.9020, 2.0203, 5.3479

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.2820, 5.7770, 13.7847 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, 63, 85)` looks like.

```
.text, #text, p{  
    color:rgb(89, 63, 85)  
}
```

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, 63, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 63, 85) }
```

Border

The CSS property to change the border of an element to YUV 73.2820, 5.7770, 13.7847 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, 63, 85) }
```


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

```
.border{ border-color:rgb(89, 63, 85) }
```

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

Here you see how a box with a 4 pixel rgb(89, 63, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 63, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 63, 85);  
box-shadow:4px 4px 4px 4px rgb(89, 63, 85)  
}
```

Background

The CSS property to change the background color of an element to YUV 73.2820, 5.7770, 13.7847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 63, 85) }
```

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

```
.background{ background-color: rgb(89, 63,  
85) }
```

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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