

Converting Colors

YUV(75.0380, 5.8973, 21.8917)

Have a look what the booklet for
YUV(75.0380, 5.8973, 21.8917)
contains.

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Color

**YUV(75.0380, 5.8973,
21.8917)**

Conversions

Conversions Part 1

Format	Color
Hex	643C57
RGB	100, 60, 87
RGB Percent	39%, 24%, 34%
CMY	0.6078, 0.7647, 0.6588
CMYK	0.00, 0.40, 0.13, 0.61
HSL	320°, 25%, 31%
HSV	320°, 40%, 39%
XYZ	8.5917, 6.6292, 9.8435
YIQ	75.0380, 15.1730, 16.8770

Conversions

Conversions Part 2

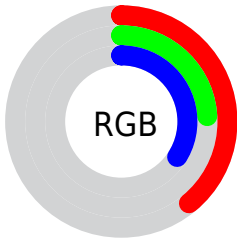
Format	Color
R_{YB}	100, 60, 87
Decimal	6569047
CIE _{Lab}	30.95, 22.04, -8.82
CIE _{LCh}	31, 23.737, 338.191
Yxy	6.6292, 0.3428, 0.2645
Android (android.graphics.Color)	4284759127 (0xFF643C57)
YUV	75.0380, 5.8973, 21.8917
Hunter-Lab	25.7472, 14.5070, -4.6445

Details

The YUV color **75.0380, 5.8973, 21.8917** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **84.9620, -5.8973, -21.8917**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.4620, 6.1812, 24.1508**, and **29.7280, 6.0501, 19.5325** is the 20% darker color. If you saturate the color by 10%, you get **68.8260, 7.4808, 27.3396**, and if you desaturate by 10%, it is **81.2500, 4.3137, 16.4438**.

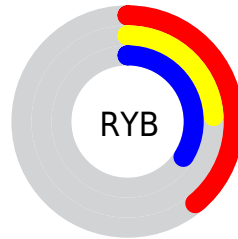
Distribution



Red (39%)

Green (24%)

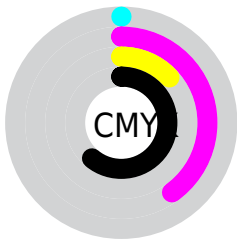
Blue (34%)



Red (39%)

Yellow (24%)

Blue (34%)

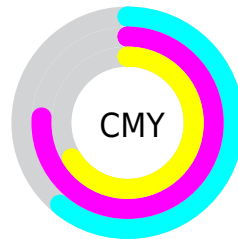


Cyan (0%)

Magenta (40%)

Yellow (13%)

Black (61%)



Cyan (61%)

Magenta (76%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.0380, 5.8973, 21.8917 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 75.0380, 5.8973, 21.8917 by changing the saturation by 10% instead.

■ 75.0380, 5.8973,
21.8917

■ 75.0380, 5.8973,
21.8917

■ 255.0000, 0.0000,
0.0000

■ 51.4400, 6.1921,
20.6621

■ 124.4620, 6.1812,
24.1508

■ 29.7280, 6.0501,
19.5325

■ 150.7610, 6.0338,
24.7656

■ 12.3750, 4.7451,
18.0881

■ 177.4730, 6.1758,
25.8952

■ 0.0000, 0.0000,
0.0000

■ 204.8860, 6.4652,
26.4100

■ 230.4940, 7.6445,
21.4918

■ 248.5430, 3.1833,

5.6628

■ 75.0380, 5.8973,
21.8917

■ 75.0380, 5.8973,
21.8917

■ 68.8260, 7.4808,
27.3396

■ 81.2500, 4.3137,
16.4438

■ 62.6140, 9.0643,
32.7875

■ 87.5760, 3.1670,
10.8958

■ 56.2880, 10.2110,
38.3354

■ 93.7880, 1.5835,
5.4479

■ 50.0760, 11.7945,
43.7833

■ 100.0000, 0.0000,
0.0000

■ 43.8640, 13.3780,
49.2313

■ 106.2120, -1.5835,
-5.4479

■ 37.6520, 14.9616,
54.6792

■ 112.5380, -2.7302,
-10.9958

■ 118.7500, -4.3138,
-16.4438

■ 124.9620, -5.8973,
-21.8917

■ 131.1740, -7.4808,
-27.3396

Harmonies

Analogous

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



74.5890, 13.5136, 5.6224



75.0380, 5.8973, 21.8917



74.0900, -3.0024, 29.7391

Triad

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



75.0380, 5.8973, 21.8917



70.7610, -17.6302, 8.1026



58.9640, 17.7657, -51.7114

Complementary

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



75.0380, 5.8973, 21.8917



84.9620, -5.8973, -21.8917

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.



57.4990, 9.6140, -50.4266



75.0380, 5.8973, 21.8917



68.6280, -12.6346, -7.5668

Square

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



75.0380, 5.8973, 21.8917



72.4790, -16.5051, 20.6279



64.6240, -3.2656, -25.9802



60.6750, 22.8382, -45.3190

Rectangle

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



75.0380, 5.8973, 21.8917



73.3090, -8.5333, 30.4240



64.6240, -3.2656, -25.9802



58.3940, 15.5818, -51.2115

Sweetspot

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



75.0380, 5.8973, 21.8917



120.0380, 2.4463, 8.7367



68.4470, 15.5556, 3.9930



60.3750, 1.2941, 4.9331



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



75.0380, 5.8973, 21.8917



91.3260, 9.2063, 33.9171



72.7580, -2.8387, 23.8912



47.8370, 0.5734, 2.7740



43.1630, 16.6816, 63.0010



91.0540, 35.9624, 132.3796

Inverse Universe

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



75.0380, 5.8973, 21.8917



91.3260, 9.2063, 33.9171



87.2420, 2.8387, -23.8912



47.8370, 0.5734, 2.7740



43.1630, 16.6816, 63.0010



91.0540, 35.9624, 132.3796

Previews

White Background



This preview shows how the YUV color 75.0380, 5.8973, 21.8917 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



This preview shows how the YUV color 75.0380, 5.8973, 21.8917 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

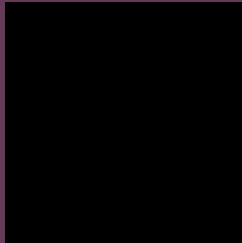
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 75.0380, 5.8973, 21.8917

Background



This preview shows how black text looks on a background with the YUV color 75.0380, 5.8973, 21.8917.



This preview shows how white text looks on a background with the YUV color 75.0380, 5.8973,

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

75.0380, 5.8973, 21.8917

Protanopia

73.2410, 11.2202, -5.4734

Deuteranopia

73.7920, 5.5255, 1.0594



Tritanopia

74.6220, -3.2646, 20.5025

Trichromacy



Original Color

75.0380, 5.8973, 21.8917

Protanomaly

74.1390, 9.2985, 4.2631

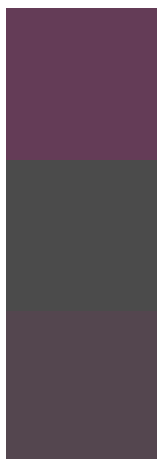
Deuteranomaly

74.2490, 5.7932, 8.5516

Tritanomaly

75.1320, -0.0651, 20.9322

Monochromacy



Original Color

75.0380, 5.8973, 21.8917

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

75.2120, 1.8675, 7.7071

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.0380, 5.8973, 21.8917 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(100, 60, 87)` looks like.

```
.text, #text, p{  
    color:rgb(100, 60, 87)  
}
```

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(100, 60, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 60, 87) }
```

Border

The CSS property to change the border of an element to YUV 75.0380, 5.8973, 21.8917 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(100, 60, 87) }
```


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

```
.border{ border-color:rgb(100, 60, 87) }
```

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

Here you see how a box with a 4 pixel rgb(100, 60, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 60, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 60, 87);  
box-shadow:4px 4px 4px 4px rgb(100, 60,  
87) }
```

Background

The CSS property to change the background color of an element to YUV 75.0380, 5.8973, 21.8917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 60, 87) }
```

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

```
.background{ background-color: rgb(100, 60,  
87) }
```

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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