

Converting Colors

YUV(66.0380, 5.8973, 21.8917)

Have a look what the booklet for
YUV(66.0380, 5.8973, 21.8917)
contains.

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Color

**YUV(66.0380, 5.8973,
21.8917)**

Conversions

Conversions Part 1

Format	Color
Hex	5B334E
RGB	91, 51, 78
RGB Percent	36%, 20%, 31%
CMY	0.6431, 0.8000, 0.6941
CMYK	0.00, 0.44, 0.14, 0.64
HSL	320°, 28%, 28%
HSV	320°, 44%, 36%
XYZ	6.8734, 5.1419, 7.8379
YIQ	66.0380, 15.1730, 16.8770

Conversions

Conversions Part 2

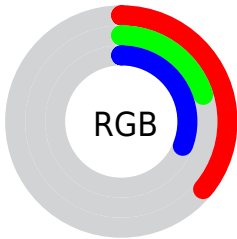
Format	Color
RYB	91, 51, 78
Decimal	5976910
CIELab	27.14, 22.38, -8.83
CIELCh	27, 24.062, 338.480
Yxy	5.1419, 0.3462, 0.2590
Android (android.graphics.Color)	4284166990 (0xFF5B334E)
YUV	66.0380, 5.8973, 21.8917
Hunter-Lab	22.6757, 14.4238, -4.6209

Details

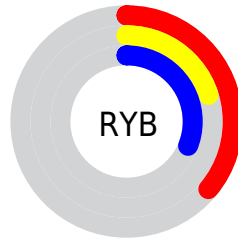
The YUV color **66.0380, 5.8973, 21.8917** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **75.9620, -5.8973, -21.8917**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.4620, 6.1812, 24.1508**, and **21.1410, 6.3395, 20.0473** is the 20% darker color. If you saturate the color by 10%, you get **60.4130, 7.1914, 26.8248**, and if you desaturate by 10%, it is **71.6630, 4.6031, 16.9585**.

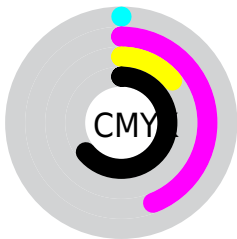
Distribution



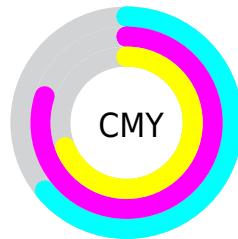
- Red (36%)
- Green (20%)
- Blue (31%)



- Red (36%)
- Yellow (20%)
- Blue (31%)



- Cyan (0%)
- Magenta (44%)
- Yellow (14%)
- Black (64%)



- Cyan (64%)
- Magenta (80%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 66.0380, 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 66.0380, 5.8973, 21.8917 by changing the saturation by 10% instead.

66.0380, 5.8973,
21.8917

66.0380, 5.8973,
21.8917

255.0000, 0.0000,
0.0000

43.3260, 5.7553,
20.7621

114.4620, 6.1812,
24.1508

21.1410, 6.3395,
20.0473

140.7610, 6.0338,
24.7656

6.8210, 1.5672,
10.6810

167.1740, 6.3232,
25.2804

0.0000, 0.0000,
0.0000

194.7720, 6.0284,
26.5100

222.5980, 6.6072,
27.5396

241.4990, 6.6560,

11.8404

■ 66.0380, 5.8973,
21.8917

■ 66.0380, 5.8973,
21.8917

■ 60.4130, 7.1914,
26.8248

■ 71.6630, 4.6031,
16.9585

■ 54.7880, 8.4855,
31.7579

■ 77.2880, 3.3090,
12.0254

■ 49.1630, 9.7796,
36.6910

■ 82.9130, 2.0149,
7.0923

■ 43.5380, 11.0738,
41.6242

■ 88.5380, 0.7208,
2.1592

■ 37.9130, 12.3679,
46.5573

■ 94.7500, -0.8628,
-3.2887

■ 34.1630, 13.2306,
49.8460

■ 100.3750, -2.1569,
-8.2219

■ 106.0000, -3.4510,
-13.1550

■ 111.6250, -4.7451,
-18.0881

■ 117.2500, -6.0393,
-23.0212

Harmonies

Analogous

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



65.8880, 13.3662, 6.2372



66.0380, 5.8973, 21.8917



65.2040, -2.5656, 29.6391

Triad

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



66.0380, 5.8973, 21.8917



62.1630, -17.3354, 6.8730



52.6550, 16.4391, -46.1784

Complementary

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



66.0380, 5.8973, 21.8917



75.9620, -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.



51.3040, 8.7241, -44.9936



66.0380, 5.8973, 21.8917



59.9160, -12.7766, -8.6963

Square

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



66.0380, 5.8973, 21.8917



63.1800, -16.3577, 20.0131



56.0260, -2.9708, -27.2098



52.2620, 22.5488, -45.8338

Rectangle

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



66.0380, 5.8973, 21.8917



64.1240, -7.9491, 29.7093



56.0260, -2.9708, -27.2098



52.0850, 14.2551, -45.6785

Sweetspot

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



66.0380, 5.8973, 21.8917



107.6250, 2.1569, 8.2219



59.4470, 15.5556, 3.9930



52.7880, 1.5835, 5.4479



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.



66.0380, 5.8973, 21.8917



78.3260, 9.2063, 33.9171



63.7580, -2.8387, 23.8912



42.8370, 0.5734, 2.7740



41.3260, 16.1083, 60.2271



89.1030, 34.9522, 129.7057

Inverse Universe

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



66.0380, 5.8973, 21.8917



78.3260, 9.2063, 33.9171



78.2420, 2.8387, -23.8912



42.8370, 0.5734, 2.7740



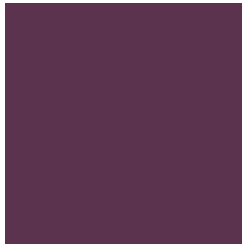
41.3260, 16.1083, 60.2271



89.1030, 34.9522, 129.7057

Previews

White Background



This preview shows how the YUV color 66.0380, 5.8973, 21.8917 looks on a white background.

Color Contrast Check

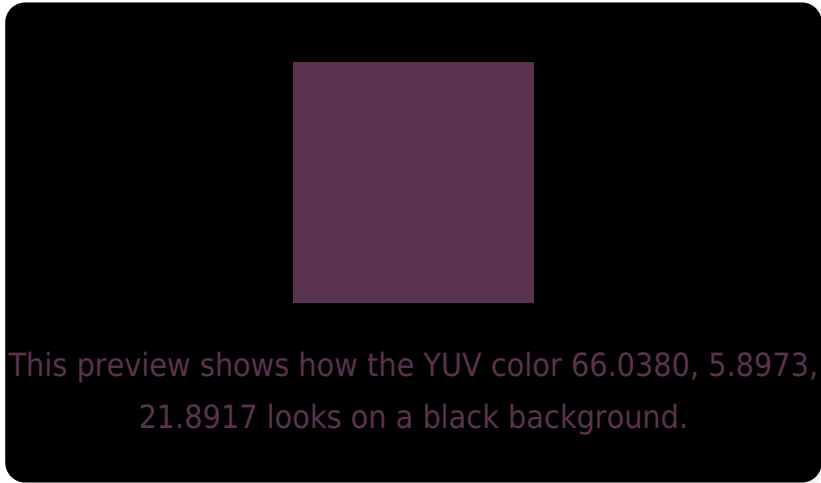
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

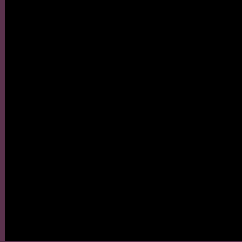
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 66.0380, 5.8973, 21.8917

Background



This preview shows how black text looks on a background with the YUV color 66.0380, 5.8973, 21.8917.



This preview shows how white text looks on a background with the YUV color 66.0380, 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

66.0380, 5.8973, 21.8917

Protanopia

64.8280, 10.9308, -5.9882

Deuteranopia

65.0800, 5.3836, -0.0702



Tritanopia

65.6220, -3.2646, 20.5025

Trichromacy



Original Color

66.0380, 5.8973, 21.8917

Protanomaly

65.1390, 9.2985, 4.2631

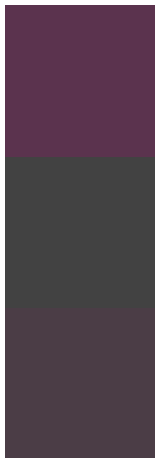
Deuteranomaly

65.5370, 5.6513, 7.4221

Tritanomaly

66.1320, -0.0651, 20.9322

Monochromacy



Original Color

66.0380, 5.8973, 21.8917

Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

66.2120, 1.8675, 7.7071

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.0380, 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(91, 51, 78)` looks like.

```
.text, #text, p{  
    color:rgb(91, 51, 78)  
}
```

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(91, 51, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 51, 78) }
```

Border

The CSS property to change the border of an element to YUV 66.0380, 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(91, 51, 78) }
```


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

```
.border{ border-color:rgb(91, 51, 78) }
```

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

Here you see how a box with a 4 pixel rgb(91, 51, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 51, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 51, 78);  
box-shadow:4px 4px 4px 4px rgb(91, 51, 78)  
}
```

Background

The CSS property to change the background color of an element to YUV 66.0380, 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(91, 51, 78) }
```

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

```
.background{ background-color: rgb(91, 51,  
78) }
```

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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