

Converting Colors

YUV(70.4780, 5.1873, 16.2438)

Have a look what the booklet for
YUV(70.4780, 5.1873, 16.2438)
contains.

YUV(70.4780, 5.1873, 16.2438)	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(70.4780, 5.1873,
16.2438)**

Conversions

Conversions Part 1

Format	Color
Hex	593B51
RGB	89, 59, 81
RGB Percent	35%, 23%, 32%
CMY	0.6510, 0.7686, 0.6824
CMYK	0.00, 0.34, 0.09, 0.65
HSL	316°, 20%, 29%
HSV	316°, 34%, 35%
XYZ	7.1690, 5.8459, 8.5351
YIQ	70.4780, 10.8180, 13.2020

Conversions

Conversions Part 2

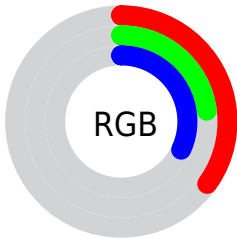
Format	Color
RYB	89, 59, 81
Decimal	5847889
CIELab	29.02, 17.20, -7.97
CIELCh	29, 18.962, 335.134
Yxy	5.8459, 0.3327, 0.2713
Android (android.graphics.Color)	4284037969 (0xFF593B51)
YUV	70.4780, 5.1873, 16.2438
Hunter-Lab	24.1782, 10.6145, -4.0051

Details

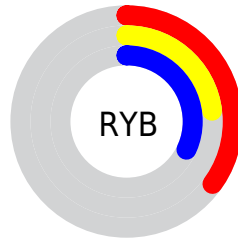
The YUV color **70.4780, 5.1873, 16.2438** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **77.5220, -5.1873, -16.2438**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.4890, 5.1819, 17.9881**, and **26.3530, 4.7560, 14.5994** is the 20% darker color. If you saturate the color by 10%, you get **64.9670, 6.9183, 21.0769**, and if you desaturate by 10%, it is **75.9890, 3.4564, 11.4106**.

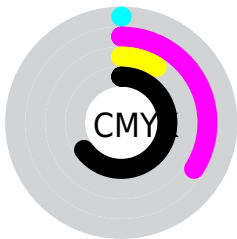
Distribution



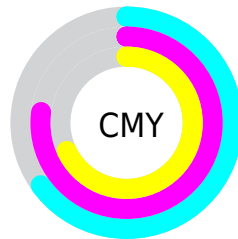
- Red (35%)
- Green (23%)
- Blue (32%)



- Red (35%)
- Yellow (23%)
- Blue (32%)



- Cyan (0%)
- Magenta (34%)
- Yellow (9%)
- Black (65%)



- Cyan (65%)
- Magenta (77%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.4780, 5.1873, 16.2438 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 70.4780, 5.1873, 16.2438 by changing the saturation by 10% instead.

70.4780, 5.1873,
16.2438

70.4780, 5.1873,
16.2438

255.0000, 0.0000,
0.0000

47.7660, 5.0454,
15.1142

119.4890, 5.1819,
17.9881

26.3530, 4.7560,
14.5994

144.9020, 5.4713,
18.5029

8.2880, 3.3090,
12.0254

171.3150, 5.7607,
19.0177

0.0000, 0.0000,
0.0000

198.7280, 6.0501,
19.5325

227.0270, 5.9027,
20.1473

246.7820, 4.0515,

7.2072

■ 70.4780, 5.1873,
16.2438

■ 70.4780, 5.1873,
16.2438

■ 64.9670, 6.9183,
21.0769

■ 75.9890, 3.4564,
11.4106

■ 59.3420, 8.2124,
26.0101

■ 81.6140, 2.1623,
6.4775

■ 53.8310, 9.9433,
30.8432

■ 87.1250, 0.4314,
1.6444

■ 48.3200, 11.6742,
35.6764

■ 92.6360, -1.2995,
-3.1888

■ 43.2820, 12.6790,
40.0947

■ 98.2610, -2.5937,
-8.1219

■ 37.7710, 14.4099,
44.9278

■ 103.1850, -4.0352,
-12.4402

■ 34.0210, 15.2726,
48.2166

■ 108.8100, -5.3293,
-17.3734

■ 114.3210, -7.0603,
-22.2065

■ 119.8320, -8.7912,
-27.0397

Harmonies

Analogous

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



69.8830, 10.9037, 2.7336



70.4780, 5.1873, 16.2438



69.9860, -1.9651, 23.6913

Triad

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



70.4780, 5.1873, 16.2438



67.0860, -13.8464, 7.8176



57.5910, 13.5126, -40.8603

Complementary

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



70.4780, 5.1873, 16.2438



77.5220, -5.1873, -16.2438

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.



59.5830, 5.6286, -32.0833



70.4780, 5.1873, 16.2438



65.8070, -10.7509, -5.0927

Square

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



70.4780, 5.1873, 16.2438



68.0810, -12.8579, 17.4690



62.9670, -3.4347, -18.3881



61.7540, 16.3903, -30.4793

Rectangle

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



70.4780, 5.1873, 16.2438



69.5470, -6.1857, 24.0763



62.9670, -3.4347, -18.3881



57.3200, 11.1812, -39.7456

Sweetspot

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



70.4780, 5.1873, 16.2438



107.6140, 2.1623, 6.4775



64.8120, 11.9247, 1.9189



54.6630, 1.1521, 3.8035



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.



70.4780, 5.1873, 16.2438



86.6300, 8.0704, 24.8805



68.7680, -1.3646, 17.7435



40.5380, 0.7208, 2.1592



40.9990, 18.7345, 57.8829



89.8730, 40.4886, 127.2764

Inverse Universe

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



70.4780, 5.1873, 16.2438



86.6300, 8.0704, 24.8805



79.2320, 1.3646, -17.7435



40.5380, 0.7208, 2.1592



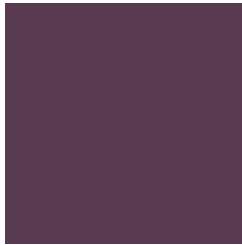
40.9990, 18.7345, 57.8829



89.8730, 40.4886, 127.2764

Previews

White Background



This preview shows how the YUV color 70.4780, 5.1873, 16.2438 looks on a white background.

Color Contrast Check

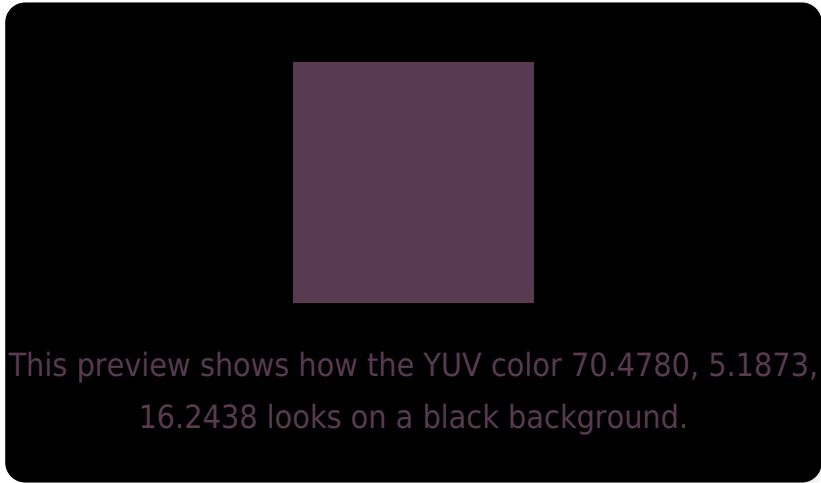
Large Text (above 18pt) WCAG AA ✓ Pass

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

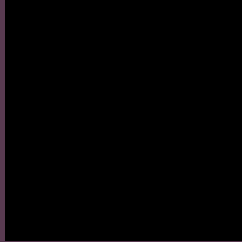
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 70.4780, 5.1873, 16.2438

Background



This preview shows how black text looks on a background with the YUV color 70.4780, 5.1873, 16.2438.



This preview shows how white text looks on a background with the YUV color 70.4780, 5.1873,

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

70.4780, 5.1873, 16.2438

Protanopia

68.9700, 8.8888, -4.3587

Deuteranopia

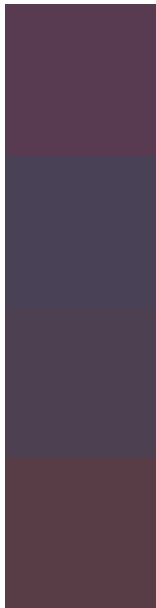
69.3790, 5.2362, 0.5446



Tritanopia

69.9310, -1.9380, 14.9695

Trichromacy



Original Color

70.4780, 5.1873, 16.2438

Protanomaly

69.6720, 7.5567, 2.9187

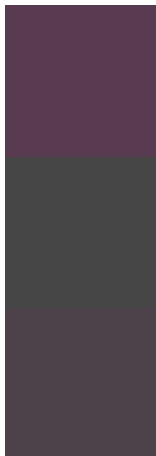
Deuteranomaly

69.7110, 5.0725, 6.3925

Tritanomaly

70.2130, 0.3880, 15.5992

Monochromacy



Original Color

70.4780, 5.1873, 16.2438

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

70.2010, 1.8729, 5.9627

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.4780, 5.1873, 16.2438 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, 59, 81)` looks like.

```
.text, #text, p{  
    color:rgb(89, 59, 81)  
}
```

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, 59, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 59, 81) }
```

Border

The CSS property to change the border of an element to YUV 70.4780, 5.1873, 16.2438 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, 59, 81) }
```


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

```
.border{ border-color:rgb(89, 59, 81) }
```

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

Here you see how a box with a 4 pixel rgb(89, 59, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 59, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 59, 81);  
box-shadow:4px 4px 4px 4px rgb(89, 59, 81)  
}
```

Background

The CSS property to change the background color of an element to YUV 70.4780, 5.1873, 16.2438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 59, 81) }
```

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

```
.background{ background-color: rgb(89, 59,  
81) }
```

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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