

Converting Colors

YUV(78.0480, 27.5843, 19.2519)

Have a look what the booklet for
YUV(78.0480, 27.5843, 19.2519)
contains.

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Color

**YUV(78.0480, 27.5843,
19.2519)**

Conversions

Conversions Part 1

Format	Color
Hex	643886
RGB	100, 56, 134
RGB Percent	39%, 22%, 53%
CMY	0.6078, 0.7804, 0.4745
CMYK	0.25, 0.58, 0.00, 0.47
HSL	274°, 41%, 37%
HSV	274°, 58%, 53%
XYZ	10.9728, 7.2589, 23.3770
YIQ	78.0480, 1.1860, 33.5860

Conversions

Conversions Part 2

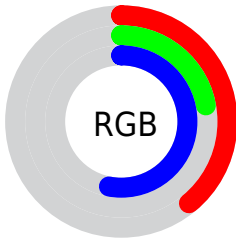
Format	Color
RYB	100, 56, 134
Decimal	6568070
CIELab	32.39, 34.89, -36.33
CIELCh	32, 50.368, 313.840
Yxy	7.2589, 0.2637, 0.1745
Android (android.graphics.Color)	4284758150 (0xFF643886)
YUV	78.0480, 27.5843, 19.2519
Hunter-Lab	26.9424, 25.5484, -32.5844

Details

The YUV color **78.0480, 27.5843, 19.2519** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **111.9520, -27.5843, -19.2519**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.8140, 29.1787, 21.2111**, and **28.9230, 27.1530, 17.6075** is the 20% darker color. If you saturate the color by 10%, you get **68.6230, 32.2309, 22.2556**, and if you desaturate by 10%, it is **87.4730, 22.9378, 16.2482**.

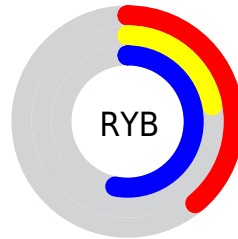
Distribution



Red (39%)

Green (22%)

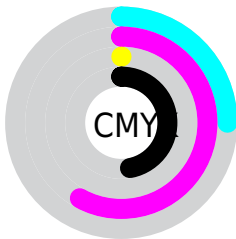
Blue (53%)



Red (39%)

Yellow (22%)

Blue (53%)

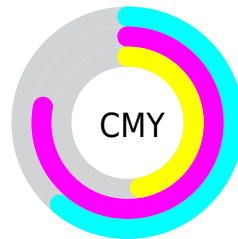


Cyan (25%)

Magenta (58%)

Yellow (0%)

Black (47%)



Cyan (61%)

Magenta (78%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 78.0480, 27.5843, 19.2519 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 78.0480, 27.5843, 19.2519 by changing the saturation by 10% instead.

■ 78.0480, 27.5843,
19.2519

■ 78.0480, 27.5843,
19.2519

■ 255.0000, 0.0000,
0.0000

■ 53.2220, 27.0056,
18.2223

■ 128.8140, 29.1787,
21.2111

■ 28.9230, 27.1530,
17.6075

■ 155.6400, 29.7575,
22.2407

■ 14.9130, 22.2279,
10.6003

■ 182.4660, 30.3363,
23.2703

■ 4.8050, 15.8721,
-4.2140

■ 208.2400, 23.0527,
26.0995

■ 2.1830, 5.8258,
-1.9145

■ 229.7590, 12.4438,
22.1364

■ 0.0000, 0.0000,
0.0000

■ 246.7820, 4.0515,

■ 78.0480, 27.5843,
19.2519

■ 78.0480, 27.5843,
19.2519

■ 68.6230, 32.2309,
22.2556

■ 87.4730, 22.9378,
16.2482

■ 58.6110, 37.1668,
25.7742

■ 97.4850, 18.0019,
12.7297

■ 49.1860, 41.8133,
28.7779

■ 106.9100, 13.3554,
9.7259

■ 39.4730, 46.6018,
32.9112

■ 116.6230, 8.5669,
5.5926

■ 38.0000, 47.3280,
33.3260

■ 126.0480, 3.9203,
2.5889

■ 135.4730, -0.7262,
-0.4148

■ 145.4850, -5.6621,
-3.9333

■ 154.9100,
-10.3086, -6.9371

■ 164.9220,
-15.2445, -10.4556

Harmonies

Analogous

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



61.5810, 45.5626, -54.0065



78.0480, 27.5843, 19.2519



72.1960, 13.2144, 55.0791

Triad

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



78.0480, 27.5843, 19.2519



71.9310, -35.4620, 34.2635



65.8940, 13.8563, -57.7890

Complementary

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



78.0480, 27.5843, 19.2519



111.9520, -27.5843, -19.2519

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.



60.0460, -3.4737, -52.6603



78.0480, 27.5843, 19.2519



69.6840, -34.3542, 5.5391

Square

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



78.0480, 27.5843, 19.2519



70.4620, -23.8918, 56.5998



60.3420, -25.8046, -30.1179



68.9380, 30.5966, -60.4586

Rectangle

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



78.0480, 27.5843, 19.2519



67.8140, 2.5567, 66.8151



60.3420, -25.8046, -30.1179



63.7110, 8.0305, -55.8745

Sweetspot

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



78.0480, 27.5843, 19.2519



152.3890, 10.1612, 7.5518



85.4370, 23.9416, -25.8162



74.0420, 6.3883, 4.3482



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



78.0480, 27.5843, 19.2519



86.1260, 42.8289, 29.7075



87.7580, 20.8253, 40.5542



61.5810, 2.1786, 1.2445



36.6470, 46.0230, 31.8816



0.6410, 1.1630, 0.3148

Inverse Universe

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



83.1980, 3.3534, 44.5534



94.2210, 5.3140, 69.0892



102.2420, -20.8253, -40.5542



62.1360, 0.4260, 3.3887



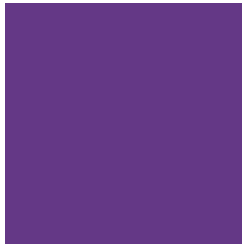
45.3680, 5.7346, 74.2223



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 78.0480, 27.5843, 19.2519 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 78.0480, 27.5843, 19.2519 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

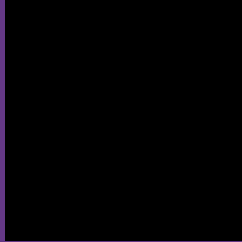
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 78.0480, 27.5843, 19.2519

Background



This preview shows how black text looks on a background with the YUV color 78.0480, 27.5843, 19.2519.



This preview shows how white text looks on a background with the YUV color 78.0480, 27.5843,

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

78.0480, 27.5843, 19.2519

Protanopia

68.2410, 41.2932, -37.9224

Deuteranopia

71.6800, 28.7518, -28.6604



Tritanopia

77.9520, -0.4693, 10.5661

Trichromacy



Original Color

78.0480, 27.5843, 19.2519

Protanomaly

71.4070, 36.2813, -17.0199

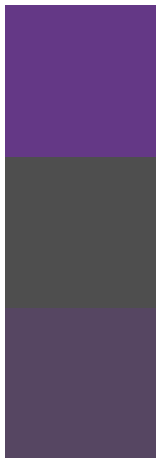
Deuteranomaly

73.6760, 28.2607, -11.1169

Tritanomaly

78.0200, 9.8501, 14.0145

Monochromacy



Original Color

78.0480, 27.5843, 19.2519

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

77.9760, 9.8718, 7.0370

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.0480, 27.5843, 19.2519 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, 56, 134)` looks like.

```
.text, #text, p{  
    color:rgb(100, 56, 134)  
}
```

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, 56, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 56, 134) }
```

Border

The CSS property to change the border of an element to YUV 78.0480, 27.5843, 19.2519 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, 56, 134) }
```


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

```
.border{ border-color:rgb(100, 56, 134) }
```

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

Here you see how a box with a 4 pixel rgb(100, 56, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 56, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 56, 134);  
box-shadow:4px 4px 4px 4px rgb(100, 56,  
134) }
```

Background

The CSS property to change the background color of an element to YUV 78.0480, 27.5843, 19.2519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 56, 134) }
```

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

```
.background{ background-color: rgb(100, 56,  
134) }
```

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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