

Converting Colors

YUV(20.6780, 11.9907, 27.4694)

Have a look what the booklet for
YUV(20.6780, 11.9907, 27.4694)
contains.

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Color

**YUV(20.6780, 11.9907,
27.4694)**

Conversions

Conversions Part 1

Format	Color
Hex	34002D
RGB	52, 0, 45
RGB Percent	20%, 0%, 18%
CMY	0.7961, 1.0000, 0.8235
CMYK	0.00, 1.00, 0.13, 0.80
HSL	308°, 100%, 10%
HSV	308°, 100%, 20%
XYZ	1.8898, 0.9195, 2.5605
YIQ	20.6780, 16.5470, 25.0190

Conversions

Conversions Part 2

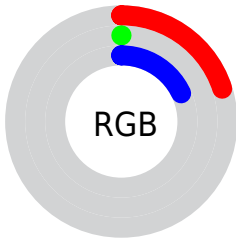
Format	Color
R_{YB}	52, 0, 45
Decimal	3407917
CIE Lab	8.30, 30.70, -15.40
CIE LCh	8, 34.350, 333.365
Yxy	0.9195, 0.3519, 0.1712
Android (android.graphics.Color)	4281597997 (0xFF34002D)
YUV	20.6780, 11.9907, 27.4694
Hunter-Lab	9.5892, 18.3975, -9.1192

Details

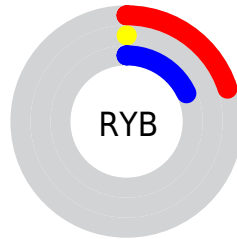
The YUV color **20.6780, 11.9907, 27.4694** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **31.3220, -11.9907, -27.4694**, and the grayscale version is **21.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **68.1620, 11.2591, 28.7989**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **20.6780, 11.9907, 27.4694**, and if you desaturate by 10%, it is **23.7270, 10.9806, 24.7954**.

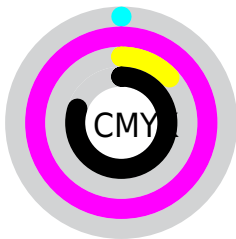
Distribution



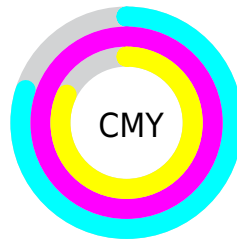
- Red (20%)
- Green (0%)
- Blue (18%)



- Red (20%)
- Yellow (0%)
- Blue (18%)



- Cyan (0%)
- Magenta (100%)
- Yellow (13%)
- Black (80%)



- Cyan (80%)
- Magenta (100%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 20.6780, 11.9907, 27.4694 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 20.6780, 11.9907, 27.4694 by changing the saturation by 10% instead.

■ 20.6780, 11.9907,
27.4694

■ 20.6780, 11.9907,
27.4694

■ 240.3250, 7.2348,
12.8700

■ 12.4180, 6.2029,
17.1734

■ 68.1620, 11.2591,
28.7989

■ 0.0000, 0.0000,
0.0000

■ 92.8740, 11.4011,
29.9285


■ 118.1730, 11.2537,
30.5433


■ 144.2980, 11.6851,
32.1877


■ 171.0100, 11.8271,
33.3172

■ 198.4230, 12.1165,

33.8320

 223.5470, 14.0273,
27.5843


 20.6780, 11.9907,
27.4694

 23.7270, 10.9806,
24.7954

 26.6620, 9.5336,
22.2214

 30.2980, 8.2341,
19.0327

 33.3470, 7.2239,
16.3587

 36.2820, 5.7770,
13.7847

■ 39.3310, 4.7668,
11.1107

■ 42.3800, 3.7567,
8.4367

■ 46.0160, 2.4571,
5.2480

■ 48.9510, 1.0102,
2.6740

Harmonies

Analogous

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



23.4510, 19.4977, -0.3955



20.6780, 11.9907, 27.4694



21.1600, 0.9071, 35.8167

Triad

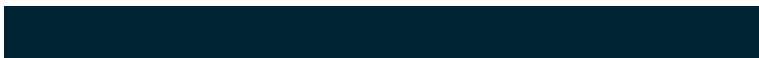
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



20.6780, 11.9907, 27.4694



22.7590, -11.2202, 5.4734



26.1310, 11.2744, -22.9169

Complementary

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



20.6780, 11.9907, 27.4694



31.3220, -11.9907, -27.4694

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.



24.0960, 0.9387, -21.1322



20.6780, 11.9907, 27.4694



17.6100, -8.6817, -15.4440

Square

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



20.6780, 11.9907, 27.4694



22.2710, -10.9796, 21.6873



19.9580, -9.8393, -17.5032



26.1940, 19.1314, -22.9721

Rectangle

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



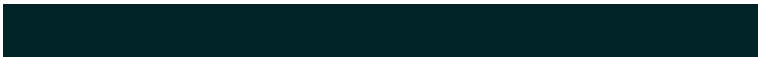
20.6780, 11.9907, 27.4694



18.5380, -9.1392, 38.1162



19.9580, -9.8393, -17.5032



25.3330, 8.2168, -22.2170

Sweetspot

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



20.6780, 11.9907, 27.4694



56.3310, 4.7668, 11.1107



8.0210, 21.6816, -0.8954



28.1410, 2.8885, 6.8923



163.0000, 0.0000, 0.0000



36.0000, 0.0000, 0.0000

Same Dimension

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



20.6780, 11.9907, 27.4694



27.4710, 16.0368, 36.4209



17.7140, 0.6340, 30.0688



24.1250, 0.4314, 1.6444



35.3890, 20.5142, 47.0168



86.3150, 50.1307, 114.6107

Inverse Universe

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



20.6780, 11.9907, 27.4694



27.4710, 16.0368, 36.4209



34.2860, -0.6340, -30.0688



24.1250, 0.4314, 1.6444



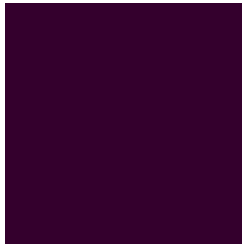
35.3890, 20.5142, 47.0168



86.3150, 50.1307, 114.6107

Previews

White Background



This preview shows how the YUV color 20.6780, 11.9907, 27.4694 looks on a white background.

Color Contrast Check

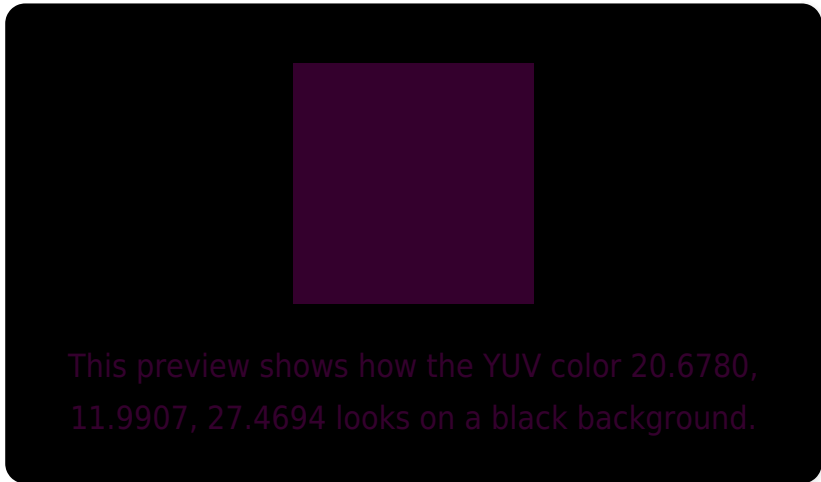
Large Text (above 18pt) WCAG AA ✓ Pass

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

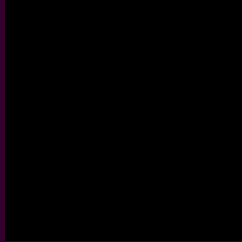
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 20.6780, 11.9907, 27.4694

Background



This preview shows how black text looks on a background with the YUV color 20.6780, 11.9907, 27.4694.



This preview shows how white text looks on a background with the YUV color 20.6780, 11.9907,

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



Protanopia

23.1620, 17.6681, -20.3131

Deuteranopia

28.6880, 6.5628, -4.9884

Tritanopia

27.6820, -4.2802, 19.5729

Trichromacy



Protanomaly

22.4030, 15.5773, -2.9844

Deuteranomaly

25.6340, 8.5614, 7.3370

Tritanomaly

24.8980, 1.5293, 22.8915

Monochromacy



Achromatopsia

21.0000, 0.0000, 0.0000

Achromatomaly

20.6190, 4.6248, 9.9811

CSS Examples

Text

The CSS property to change the color of the text to YUV 20.6780, 11.9907, 27.4694 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(52, 0, 45)` looks like.

```
.text, #text, p{  
    color:rgb(52, 0, 45)  
}
```

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(52, 0, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 0, 45) }
```

Border

The CSS property to change the border of an element to YUV 20.6780, 11.9907, 27.4694 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(52, 0, 45) }
```

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

```
.border{ border-color:rgb(52, 0, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 0, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 0, 45); -webkit-box-shadow:4px  
4px 4px 4px rgb(52, 0, 45); box-shadow:4px  
4px 4px 4px rgb(52, 0, 45) }
```


Background

The CSS property to change the background color of an element to YUV 20.6780, 11.9907, 27.4694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 0, 45) }
```

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

```
.background{ background-color: rgb(52, 0,  
45) }
```

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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