

Converting Colors

YUV(19.6480, 17.4285, 9.9557)

Have a look what the booklet for
YUV(19.6480, 17.4285, 9.9557)
contains.

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Color

**YUV(19.6480, 17.4285,
9.9557)**

Conversions

Conversions Part 1

Format	Color
Hex	1F0737
RGB	31, 7, 55
RGB Percent	12%, 3%, 22%
CMY	0.8784, 0.9725, 0.7843
CMYK	0.44, 0.87, 0.00, 0.78
HSL	270°, 77%, 12%
HSV	270°, 87%, 22%
XYZ	1.3306, 0.7191, 3.6831
YIQ	19.6480, -1.1040, 20.0160

Conversions

Conversions Part 2

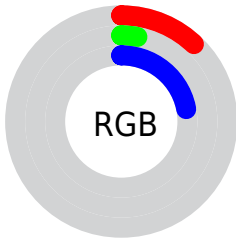
Format	Color
R_{YB}	31, 7, 55
Decimal	2033463
CIE Lab	6.50, 23.54, -25.90
CIE LCh	6, 34.998, 312.275
Yxy	0.7191, 0.2321, 0.1254
Android (android.graphics.Color)	4280223543 (0xFF1F0737)
YUV	19.6480, 17.4285, 9.9557
Hunter-Lab	8.4800, 13.1695, -19.8154

Details

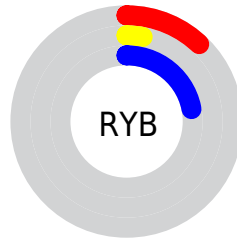
The YUV color **19.6480, 17.4285, 9.9557** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **42.3520, -17.4285, -9.9557**, and the grayscale version is **19.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **64.8870, 18.2967, 11.5001**, and **0.6840, 2.6208, -0.5999** is the 20% darker color. If you saturate the color by 10%, you get **15.8160, 19.3177, 10.6854**, and if you desaturate by 10%, it is **24.0670, 15.2500, 8.7112**.

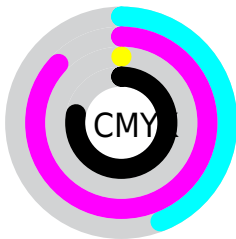
Distribution



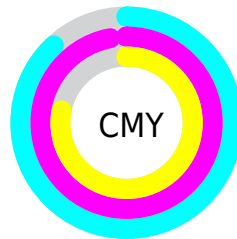
- Red (12%)
- Green (3%)
- Blue (22%)



- Red (12%)
- Yellow (3%)
- Blue (22%)



- Cyan (44%)
- Magenta (87%)
- Yellow (0%)
- Black (78%)



- Cyan (88%)
- Magenta (97%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 19.6480, 17.4285, 9.9557 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 19.6480, 17.4285, 9.9557 by changing the saturation by 10% instead.

■ 19.6480, 17.4285,
9.9557

■ 19.6480, 17.4285,
9.9557

■ 240.9120, 6.9454,
12.3552

■ 3.7620, 14.4143,
-3.2993

■ 64.8870, 18.2967,
11.5001

■ 0.6840, 2.6208,
-0.5999

■ 88.8270, 19.3123,
12.4297

■ 0.0000, 0.0000,
0.0000


■ 113.3540, 20.0385,
12.8445


■ 139.1800, 20.6173,
13.8741


■ 165.5930, 20.9067,
14.3889


■ 193.1200, 21.6328,


14.8038


 219.3930, 17.5543,
16.3183


 19.6480, 17.4285,
9.9557


 19.6480, 17.4285,
9.9557


 15.8160, 19.3177,
10.6854


 24.0670, 15.2500,
8.7112

 14.6420, 19.8965,
11.7150

 27.8990, 13.3608,
7.9816

 32.0190, 11.3296,
6.1223

 35.8510, 9.4405,
5.3927

 40.2700, 7.2619,
4.1482

■ 44.1020, 5.3727,
3.4185

■ 48.2220, 3.3416,
1.5593

■ 52.0540, 1.4524,
0.8296

■ 56.4730, -0.7262,
-0.4148

Harmonies

Analogous

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



19.8510, 22.7515, -17.4093



19.6480, 17.4285, 9.9557



19.8370, 7.4754, 29.0840

Triad

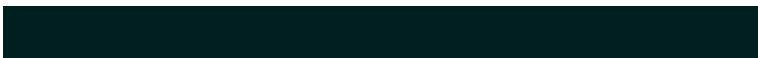
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



19.6480, 17.4285, 9.9557



19.5800, -9.6529, 16.1543



21.6170, 4.1328, -18.9581

Complementary

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



19.6480, 17.4285, 9.9557



42.3520, -17.4285, -9.9557

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.



18.1970, -8.9711, -15.9588



19.6480, 17.4285, 9.9557



18.2850, -9.0145, -2.0039

Square

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



19.6480, 17.4285, 9.9557



15.5480, -7.6652, 31.9684



17.0230, -8.3923, -14.9292



24.5980, 13.0162, -21.5724

Rectangle

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



19.6480, 17.4285, 9.9557



19.6220, 0.1864, 33.6575



17.0230, -8.3923, -14.9292



20.7050, 0.6384, -18.1583

Sweetspot

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



19.6480, 17.4285, 9.9557



57.7430, 6.5357, 3.7334



26.5600, 14.0209, -17.1541



27.7490, 4.0677, 1.9741



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.



19.6480, 17.4285, 9.9557



18.8580, 25.7060, 15.0335



26.8240, 13.8908, 24.7104



25.9400, 1.0156, 0.9296



24.2420, 33.4047, 19.0818



57.8560, 79.4440, 45.7303

Inverse Universe

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



24.0880, 3.4076, 27.1098



25.3330, 5.2588, 40.0500



35.1760, -13.8908, -24.7104



26.1250, 0.4314, 1.6444



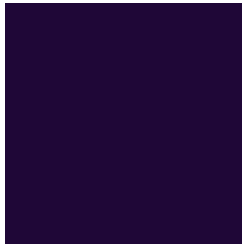
32.7520, 6.5313, 51.9605



78.0210, 15.7656, 123.6386

Previews

White Background



This preview shows how the YUV color 19.6480, 17.4285, 9.9557 looks on a white background.

Color Contrast Check

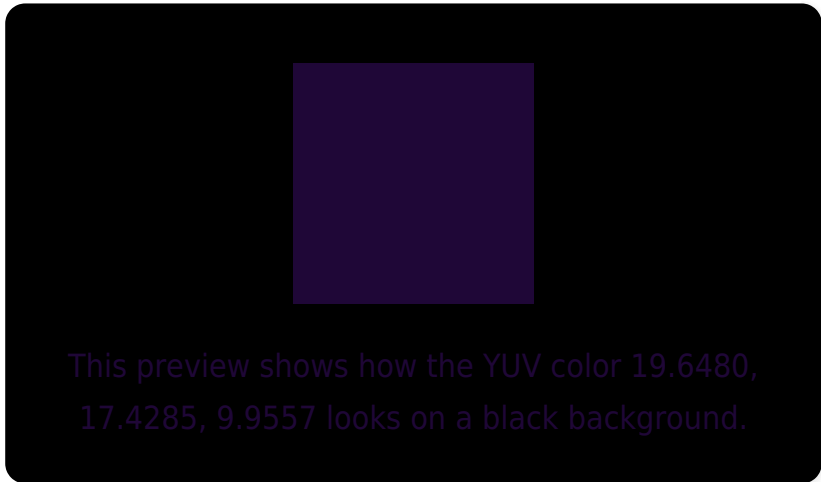
Large Text (above 18pt) WCAG AA ✓ Pass

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

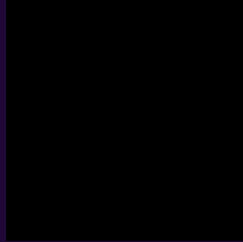
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 19.6480, 17.4285, 9.9557

Background



This preview shows how black text looks on a background with the YUV color 19.6480, 17.4285, 9.9557.



This preview shows how white text looks on a background with the YUV color 19.6480, 17.4285,

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

19.6480, 17.4285, 9.9557

Protanopia

18.1580, 13.7261, -15.9246

Deuteranopia

18.0610, 10.8159, -15.8395



Tritanopia

22.8260, 0.5788, 1.0296

Trichromacy



Original Color

19.6480, 17.4285, 9.9557

Protanomaly

18.8540, 14.8620, -6.8880

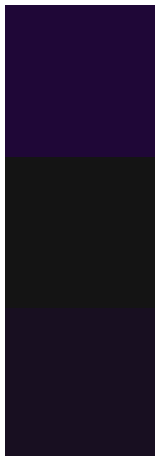
Deuteranomaly

18.3980, 13.1148, -6.4880

Tritanomaly

22.0420, 6.3883, 4.3482

Monochromacy



Original Color

19.6480, 17.4285, 9.9557

Achromatopsia

20.0000, 0.0000, 0.0000

Achromatomaly

19.7430, 6.5357, 3.7334

CSS Examples

Text

The CSS property to change the color of the text to YUV 19.6480, 17.4285, 9.9557 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(31, 7, 55)` looks like.

```
.text, #text, p{  
    color:rgb(31, 7, 55)  
}
```

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(31, 7, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 7, 55) }
```

Border

The CSS property to change the border of an element to YUV 19.6480, 17.4285, 9.9557 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(31, 7, 55) }
```


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

```
.border{ border-color:rgb(31, 7, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 7, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 7, 55); -webkit-box-shadow:4px  
4px 4px 4px rgb(31, 7, 55); box-shadow:4px  
4px 4px 4px rgb(31, 7, 55) }
```

Background

The CSS property to change the background color of an element to YUV 19.6480, 17.4285, 9.9557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 7, 55) }
```

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

```
.background{ background-color: rgb(31, 7,  
55) }
```

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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