

Converting Colors

YUV(80.1260, 19.1649, 13.0445)

Have a look what the booklet for
YUV(80.1260, 19.1649, 13.0445)
contains.

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Color

**YUV(80.1260, 19.1649,
13.0445)**

Conversions

Conversions Part 1

Format	Color
Hex	5F4177
RGB	95, 65, 119
RGB Percent	37%, 25%, 47%
CMY	0.6275, 0.7451, 0.5333
CMYK	0.20, 0.45, 0.00, 0.53
HSL	273°, 29%, 36%
HSV	273°, 45%, 47%
XYZ	9.9394, 7.5454, 18.3853
YIQ	80.1260, 0.5460, 23.1540

Conversions

Conversions Part 2

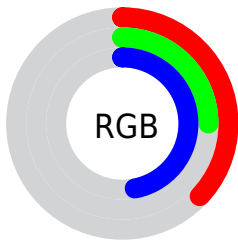
Format	Color
R_{YB}	95, 65, 119
Decimal	6242679
CIE _{Lab}	33.02, 24.28, -26.03
CIE _{LCh}	33, 35.598, 313.010
Y _{xy}	7.5454, 0.2771, 0.2104
Android (android.graphics.Color)	4284432759 (0xFF5F4177)
YUV	80.1260, 19.1649, 13.0445
Hunter-Lab	27.4689, 16.5182, -20.4554

Details

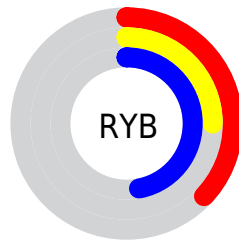
The YUV color **80.1260, 19.1649, 13.0445** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **103.8740, -19.1649, -13.0445**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.4790, 20.4699, 14.4889**, and **34.3600, 17.5705, 11.0853** is the 20% darker color. If you saturate the color by 10%, you get **71.5870, 23.3746, 16.1482**, and if you desaturate by 10%, it is **88.6650, 14.9552, 9.9408**.

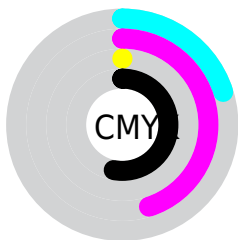
Distribution



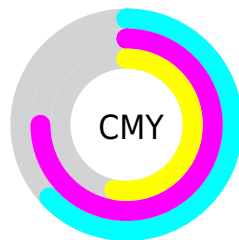
- Red (37%)
- Green (25%)
- Blue (47%)



- Red (37%)
- Yellow (25%)
- Blue (47%)



- Cyan (20%)
- Magenta (45%)
- Yellow (0%)
- Black (53%)



- Cyan (63%)
- Magenta (75%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.1260, 19.1649, 13.0445 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 80.1260, 19.1649, 13.0445 by changing the saturation by 10% instead.

80.1260, 19.1649,
13.0445

80.1260, 19.1649,
13.0445

255.0000, 0.0000,
0.0000

56.3000, 18.5861,
12.0149

130.4790, 20.4699,
14.4889

34.3600, 17.5705,
11.0853

156.3050, 21.0486,
15.5185

13.2460, 17.1337,
11.1853

183.4190, 21.4854,
15.4185

3.5510, 11.0674,
-3.1142

211.1310, 21.6274,
16.5481

0.0000, 0.0000,
0.0000

235.0420, 9.8393,
17.5032

252.0650, 1.4470,

2.5740

■ 80.1260, 19.1649,
13.0445

■ 80.1260, 19.1649,
13.0445

■ 71.5870, 23.3746,
16.1482

■ 88.6650, 14.9552,
9.9408

■ 62.7490, 27.7317,
18.6371

■ 97.5030, 10.5980,
7.4519

■ 54.2100, 31.9415,
21.7408

■ 106.0420, 6.3883,
4.3482

■ 45.6710, 36.1512,
24.8445

■ 114.5810, 2.1786,
1.2445

■ 37.1320, 40.3609,
27.9482

■ 123.1200, -2.0312,
-1.8592

■ 33.3000, 42.2501,
28.6779

■ 131.3710, -6.0989,
-3.8334

■ 139.9100,
-10.3086, -6.9371

■ 148.4490,
-14.5184, -10.0408

■ 157.2870,
-18.8755, -12.5297

Harmonies

Analogous

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



74.4140, 28.8829, -24.0421



80.1260, 19.1649, 13.0445



79.2940, 7.7431, 36.5762

Triad

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



80.1260, 19.1649, 13.0445



75.1780, -26.7098, 27.0309



63.5630, 12.5404, -55.7448

Complementary

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



80.1260, 19.1649, 13.0445



103.8740, -19.1649, -13.0445

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.



59.6700, 0.1627, -52.3306



80.1260, 19.1649, 13.0445



73.2310, -27.2289, 6.8134

Square

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



80.1260, 19.1649, 13.0445



76.0840, -17.2964, 41.1453



69.8950, -17.6962, -17.4479



65.9400, 24.1866, -57.8294

Rectangle

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



80.1260, 19.1649, 13.0445



77.4600, -0.7198, 44.3236



69.8950, -17.6962, -17.4479



62.5370, 8.6093, -54.8449

Sweetspot

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



80.1260, 19.1649, 13.0445



140.0960, 7.8407, 5.1778



85.2440, 16.6417, -17.7540



69.5750, 4.6465, 3.0037



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



80.1260, 19.1649, 13.0445



95.3300, 29.9103, 19.8816



86.9600, 14.3167, 28.0991



54.5810, 2.1786, 1.2445



34.2400, 43.2657, 29.6075



70.0610, 88.7099, 60.4595

Inverse Universe

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



83.8820, 2.5232, 30.7985



101.3340, 3.7793, 47.9421



97.0400, -14.3167, -28.0991



55.0220, -0.0108, 3.4887



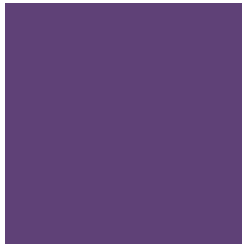
42.6340, 5.6034, 69.6040



87.4040, 11.6328, 142.5967

Previews

White Background



This preview shows how the YUV color 80.1260, 19.1649, 13.0445 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 80.1260, 19.1649, 13.0445 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

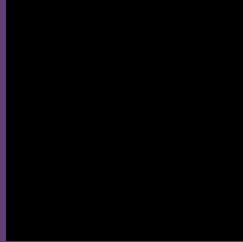
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 80.1260, 19.1649, 13.0445

Background



This preview shows how black text looks on a background with the YUV color 80.1260, 19.1649, 13.0445.



This preview shows how white text looks on a background with the YUV color 80.1260, 19.1649,

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

80.1260, 19.1649, 13.0445

Protanopia

76.0620, 26.0984, -17.5944

Deuteranopia

76.9500, 19.2517, -14.8651



Tritanopia

78.8700, 0.5571, 8.0070

Trichromacy



Original Color

80.1260, 19.1649, 13.0445

Protanomaly

77.4440, 23.4451, -6.5284

Deuteranomaly

78.0160, 19.2191, -4.3990

Tritanomaly

79.6020, 7.0982, 9.9960

Monochromacy



Original Color

80.1260, 19.1649, 13.0445

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

80.1560, 6.8251, 4.2482

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.1260, 19.1649, 13.0445 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(95, 65, 119)` looks like.

```
.text, #text, p{  
    color:rgb(95, 65, 119)  
}
```

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(95, 65, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 65, 119) }
```

Border

The CSS property to change the border of an element to YUV 80.1260, 19.1649, 13.0445 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(95, 65, 119) }
```


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

```
.border{ border-color:rgb(95, 65, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 65, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 65, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 65, 119);  
box-shadow:4px 4px 4px 4px rgb(95, 65,  
119) }
```

Background

The CSS property to change the background color of an element to YUV 80.1260, 19.1649, 13.0445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 65, 119) }
```

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

```
.background{ background-color: rgb(95, 65,  
119) }
```

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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