

Converting Colors

YUV(80.3320, 19.5563,
-66.0662)

Have a look what the booklet for
YUV(80.3320, 19.5563, -66.0662)
contains.

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Color

**YUV(80.3320, 19.5563,
-66.0662)**

Conversions

Conversions Part 1

Format	Color
Hex	056F78
RGB	5, 111, 120
RGB Percent	2%, 44%, 47%
CMY	0.9804, 0.5647, 0.5294
CMYK	0.96, 0.07, 0.00, 0.53
HSL	185°, 92%, 25%
HSV	185°, 96%, 47%
XYZ	9.1372, 12.7572, 19.7501
YIQ	80.3320, -66.0650, -19.6730

Conversions

Conversions Part 2

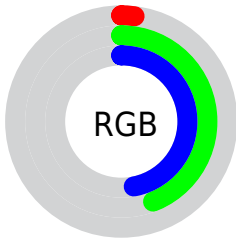
Format	Color
RYB	5, 60, 120
Decimal	356216
CIELab	42.40, -22.65, -12.53
CIELCh	42, 25.890, 208.952
Yxy	12.7572, 0.2194, 0.3063
Android (android.graphics.Color)	4278546296 (0xFF056F78)
YUV	80.3320, 19.5563, -66.0662
Hunter-Lab	35.7172, -16.8413, -7.7828

Details

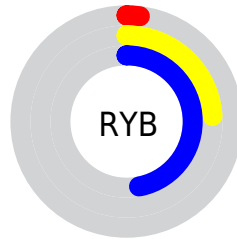
The YUV color **80.3320, 19.5563, -66.0662** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **44.6680, -19.5563, 66.0662**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.9100, 16.3134, -52.5411**, and **45.1890, 13.2178, -39.6308** is the 20% darker color. If you saturate the color by 10%, you get **78.8370, 20.2934, -69.1400**, and if you desaturate by 10%, it is **84.5070, 17.4980, -59.2036**.

Distribution



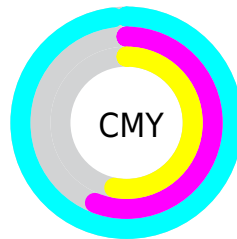
- Red (2%)
- Green (44%)
- Blue (47%)



- Red (2%)
- Yellow (24%)
- Blue (47%)



- Cyan (96%)
- Magenta (7%)
- Yellow (0%)
- Black (53%)



- Cyan (98%)
- Magenta (56%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.3320, 19.5563, -66.0662 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 80.3320, 19.5563, -66.0662 by changing the saturation by 10% instead.

80.3320, 19.5563,
-66.0662

80.3320, 19.5563,
-66.0662

255.0000, 0.0000,
0.0000

61.3120, 16.6082,
-53.7706

138.9100, 16.3134,
-52.5411

45.1890, 13.2178,
-39.6308

166.6220, 16.4554,
-51.4115

29.0660, 9.8275,
-25.4909

194.6220, 16.4554,
-51.4115

13.1710, 7.3107,
-11.5510

223.0950, 15.7292,
-51.8263

0.0000, 0.0000,
0.0000

236.4620, 9.1392,
-38.1162

245.1330, 4.8644,

-20.2876

254.1030, 0.4422,
-1.8443

■ 80.3320, 19.5563,
-66.0662

■ 80.3320, 19.5563,
-66.0662

■ 78.8370, 20.2934,
-69.1400

■ 84.5070, 17.4980,
-59.2036

■ 88.6820, 15.4398,
-52.3411

■ 92.8570, 13.3815,
-45.4786

■ 97.0320, 11.3232,
-38.6161

■ 101.2070, 9.2649,
-31.7535

■ 105.3820, 7.2067,
-24.8910

■ 109.5570, 5.1484,
-18.0285

■ 113.7320, 3.0901,
-11.1660

■ 117.3200, 1.3212,
-3.7886

Harmonies

Analogous

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



87.8050, 5.5191, -43.6790



80.3320, 19.5563, -66.0662



87.2720, 24.0229, -51.9815

Triad

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



80.3320, 19.5563, -66.0662



102.6510, 9.5391, 20.4771



98.9960, -20.7040, 14.0355

Complementary

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



80.3320, 19.5563, -66.0662



44.6680, -19.5563, 66.0662

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.



100.1810, -17.8372, 27.9053



80.3320, 19.5563, -66.0662



102.2090, -0.1030, 33.1427

Square

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



80.3320, 19.5563, -66.0662



101.5820, 17.4611, -0.5104



101.2880, -10.0020, 34.8274



96.5100, -17.0134, -3.0783

Rectangle

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



80.3320, 19.5563, -66.0662



94.2680, 23.5319, -34.4380



101.2880, -10.0020, 34.8274



99.1430, -20.2835, 19.1686

Sweetspot

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



80.3320, 19.5563, -66.0662



139.8980, 7.9383, -26.2205



73.4170, -29.7856, -60.0017



69.4540, 4.7062, -16.1842



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.



80.3320, 19.5563, -66.0662



101.7250, 26.7576, -89.2128



47.4600, 35.7622, -37.2374



59.2060, 0.8844, -3.6887



81.7550, 21.3198, -71.6991



165.4990, 42.6450, -145.1426

Inverse Universe

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



51.4690, 29.3488, 60.1017



62.9460, 39.4666, 81.6084



77.5400, -35.7622, 37.2374



57.4780, 1.7363, 3.0888



50.4850, 31.8059, 65.3497



101.9100, 64.6274, 131.6289

Previews

White Background



This preview shows how the YUV color 80.3320, 19.5563, -66.0662 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 × Fail

Black Background



This preview shows how the YUV color 80.3320, 19.5563, -66.0662 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

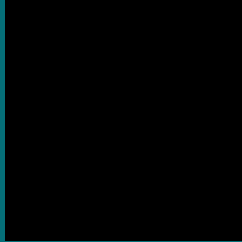
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 80.3320, 19.5563, -66.0662

Background



This preview shows how black text looks on a background with the YUV color 80.3320, 19.5563, -66.0662.



This preview shows how white text looks on a background with the YUV color 80.3320, 19.5563,

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

80.3320, 19.5563, -66.0662

Protanopia

100.1830, 5.8258, -1.9145

Deuteranopia

100.8500, 10.9199, -2.4995



Tritanopia

80.3320, 19.5563, -66.0662

Trichromacy



Original Color

80.3320, 19.5563, -66.0662

Protanomaly

92.7070, 10.9904, -25.1760

Deuteranomaly

93.5050, 14.0480, -25.8759

Tritanomaly

80.3320, 19.5563, -66.0662

Monochromacy



Original Color

80.3320, 19.5563, -66.0662

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

80.0940, 7.3487, -23.7614

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.3320, 19.5563, -66.0662 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(5, 111, 120)` looks like.

```
.text, #text, p{  
    color:rgb(5, 111, 120)  
}
```

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(5, 111, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 111, 120) }
```

Border

The CSS property to change the border of an element to YUV 80.3320, 19.5563, -66.0662 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(5, 111, 120) }
```


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

```
.border{ border-color:rgb(5, 111, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 111, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 111, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 111, 120);  
box-shadow:4px 4px 4px 4px rgb(5, 111,  
120) }
```

Background

The CSS property to change the background color of an element to YUV 80.3320, 19.5563, -66.0662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 111, 120) }
```

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

```
.background{ background-color: rgb(5, 111,  
120) }
```

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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