

Converting Colors

YUV(103.3320, 19.5563,
-66.0662)

Have a look what the booklet for
YUV(103.3320, 19.5563, -66.0662)
contains.

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Color

**YUV(103.3320, 19.5563,
-66.0662)**

Conversions

Conversions Part 1

Format	Color
Hex	1C868F
RGB	28, 134, 143
RGB Percent	11%, 53%, 56%
CMY	0.8902, 0.4745, 0.4392
CMYK	0.80, 0.06, 0.00, 0.44
HSL	185°, 67%, 34%
HSV	185°, 80%, 56%
XYZ	13.9619, 19.2802, 28.9722
YIQ	103.3320, -66.0650, -19.6730

Conversions

Conversions Part 2

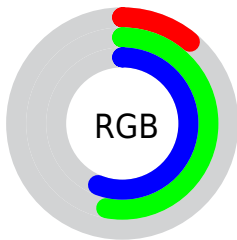
Format	Color
R _Y B	28, 83, 143
Decimal	1869455
CIE Lab	51.01, -25.03, -13.10
CIE LCh	51, 28.252, 207.620
Yxy	19.2802, 0.2244, 0.3099
Android (android.graphics.Color)	4280059535 (0xFF1C868F)
YUV	103.3320, 19.5563, -66.0662
Hunter-Lab	43.9093, -20.0833, -8.3842

Details

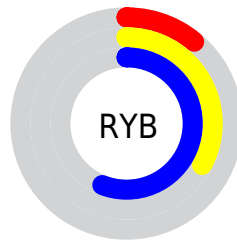
The YUV color **103.3320, 19.5563, -66.0662** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **67.6680, -19.5563, 66.0662**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.2190, 17.6400, -58.0741**, and **59.9100, 16.3134, -52.5411** is the 20% darker color. If you saturate the color by 10%, you get **98.5590, 21.9094, -74.1582**, and if you desaturate by 10%, it is **108.1050, 17.2032, -57.9741**.

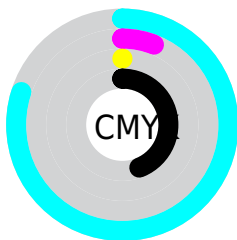
Distribution



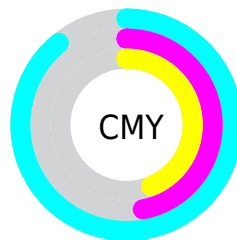
- Red (11%)
- Green (53%)
- Blue (56%)



- Red (11%)
- Yellow (33%)
- Blue (56%)



- Cyan (80%)
- Magenta (6%)
- Yellow (0%)
- Black (44%)



- Cyan (89%)
- Magenta (47%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.3320, 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 103.3320, 19.5563, -66.0662 by changing the saturation by 10% instead.

■ 103.3320, 19.5563,
-66.0662

■ 103.3320, 19.5563,
-66.0662

■ 255.0000, 0.0000,
0.0000

■ 76.7340, 19.8511,
-67.2957

■ 161.2190, 17.6400,
-58.0741

■ 59.9100, 16.3134,
-52.5411

■ 188.6320, 17.9294,
-57.5593

■ 43.0860, 12.7756,
-37.7864

■ 217.5180, 17.4926,
-57.4593

■ 27.6640, 9.5326,
-24.2613

■ 232.8740, 10.9081,
-45.4935

■ 7.7740, 9.4784,
-6.8178

■ 241.5450, 6.6333,
-27.6650

■ 0.0000, 0.0000,
0.0000

■ 250.5150, 2.2111,

-9.2217

■ 103.3320, 19.5563,
-66.0662

■ 103.3320, 19.5563,
-66.0662

■ 98.5590, 21.9094,
-74.1582

■ 108.1050, 17.2032,
-57.9741

■ 93.7860, 24.2625,
-82.2503

■ 113.1770, 14.7027,
-49.2672

■ 117.9500, 12.3497,
-41.1751

■ 122.7230, 9.9966,
-33.0831

■ 128.3820, 7.2067,
-24.8910

■ 133.1550, 4.8536,
-16.7989

■ 137.9280, 2.5005,
-8.7069

■ 142.7010, 0.1474,
-0.6148

■ 147.7730, -2.3531,
8.0921

Harmonies

Analogous

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



108.6690, 5.0932, -47.0677



103.3320, 19.5563, -66.0662



108.5210, 26.3651, -56.5849

Triad

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



103.3320, 19.5563, -66.0662



125.1180, 11.2808, 21.8215



119.7360, -23.0408, 16.8945

Complementary

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



103.3320, 19.5563, -66.0662



67.6680, -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.



121.7470, -19.5953, 31.7939



103.3320, 19.5563, -66.0662



124.2310, -0.1139, 36.6314

Square

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



103.3320, 19.5563, -66.0662



123.2660, 20.0819, -1.1103



123.2670, -11.4706, 39.2308



117.8260, -19.6342, -2.4784

Rectangle

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



103.3320, 19.5563, -66.0662



114.6310, 26.3109, -39.1414



123.2670, -11.4706, 39.2308



120.7690, -23.0571, 22.1276

Sweetspot

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



103.3320, 19.5563, -66.0662



170.7840, 7.5015, -26.1206



96.4170, -29.7856, -60.0017



84.7530, 4.5588, -15.5694



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



103.3320, 19.5563, -66.0662



123.9620, 30.5847, -103.4527



70.4600, 35.7622, -37.2374



68.9070, 1.0318, -4.3034



88.7650, 22.7939, -77.8469



5.0210, 1.4686, -4.4034

Inverse Universe

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



74.4690, 29.3488, 60.1017



78.7440, 45.9752, 94.0635



100.5400, -35.7622, 37.2374



66.8910, 2.0257, 3.6036



54.6150, 34.6998, 70.4976



3.1900, 1.8783, 4.2184

Previews

White Background



This preview shows how the YUV color 103.3320, 19.5563, -66.0662 looks on a white 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

Black Background



This preview shows how the YUV color 103.3320, 19.5563, -66.0662 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

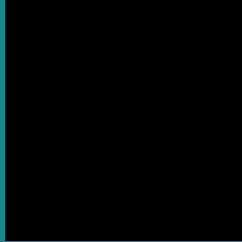
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 103.3320, 19.5563, -66.0662

Background



This preview shows how black text looks on a background with the YUV color 103.3320, 19.5563, -66.0662.

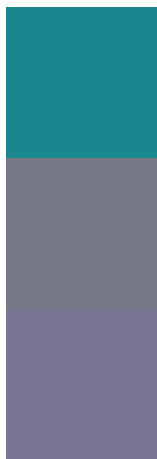


This preview shows how white text looks on a background with the YUV color 103.3320, 19.5563, -66.0662.

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

103.3320, 19.5563, -66.0662

Protanopia

121.2970, 6.2626, -2.0145

Deuteranopia

121.9040, 12.3723, -1.6698



Tritanopia

104.1580, 20.1351, -65.0366

Trichromacy



Original Color

103.3320, 19.5563, -66.0662

Protanomaly

114.7070, 10.9904, -25.1760

Deuteranomaly

115.4450, 15.0636, -24.9463

Tritanomaly

103.7450, 19.8457, -65.5514

Monochromacy



Original Color

103.3320, 19.5563, -66.0662

Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

103.0940, 7.3487, -23.7614

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.3320, 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(28, 134, 143)` looks like.

```
.text, #text, p{  
    color:rgb(28, 134, 143)  
}
```

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(28, 134, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 134, 143) }
```

Border

The CSS property to change the border of an element to YUV 103.3320, 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(28, 134, 143) }
```


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

```
.border{ border-color:rgb(28, 134, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 134, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 134, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 134, 143);  
box-shadow:4px 4px 4px 4px rgb(28, 134,  
143) }
```

Background

The CSS property to change the background color of an element to YUV 103.3320, 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(28, 134, 143) }
```

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

```
.background{ background-color: rgb(28, 134,  
143) }
```

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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