

Converting Colors

YUV(105.6200, 19.4143,
-67.1957)

Have a look what the booklet for
YUV(105.6200, 19.4143, -67.1957)
contains.

YUV(105.6200, 19.4143, -67.1957)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(105.6200, 19.4143,
-67.1957)**

Conversions

Conversions Part 1

Format	Color
Hex	1D8991
RGB	29, 137, 145
RGB Percent	11%, 54%, 57%
CMY	0.8863, 0.4627, 0.4314
CMYK	0.80, 0.06, 0.00, 0.43
HSL	184°, 67%, 34%
HSV	184°, 80%, 57%
XYZ	14.5632, 20.1969, 29.9189
YIQ	105.6200, -66.9360, -20.4080

Conversions

Conversions Part 2

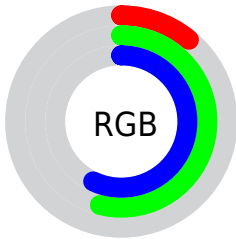
Format	Color
R_{YB}	29, 85, 145
Decimal	1935761
CIE _{Lab}	52.06, -25.81, -12.68
CIE _{LCh}	52, 28.753, 206.170
Yxy	20.1969, 0.2252, 0.3123
Android (android.graphics.Color)	4280125841 (0xFF1D8991)
YUV	105.6200, 19.4143, -67.1957
Hunter-Lab	44.9409, -20.8034, -8.0130




Details

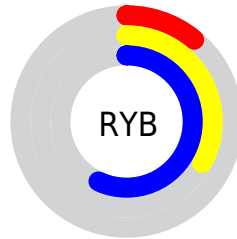
The YUV color **105.6200, 19.4143, -67.1957** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **68.3800, -19.4143, 67.1957**, and the grayscale version is **105.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **163.5070, 17.4980, -59.2036**, and **61.8990, 16.3188, -54.2854** is the 20% darker color. If you saturate the color by 10%, you get **100.5480, 21.9148, -75.9026**, and if you desaturate by 10%, it is **110.6920, 16.9138, -58.4889**.

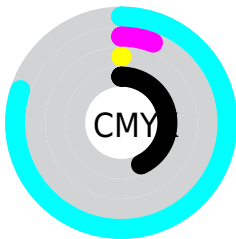
Distribution







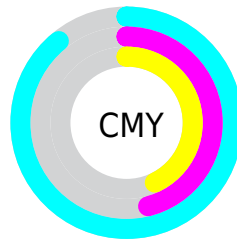
-  Red (11%)
-  Green (54%)
-  Blue (57%)






-  Red (11%)
-  Yellow (33%)
-  Blue (57%)



-  Cyan (80%)
-  Magenta (6%)
-  Yellow (0%)
-  Black (43%)



-  Cyan (89%)
-  Magenta (46%)
-  Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 105.6200, 19.4143, -67.1957 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 105.6200, 19.4143, -67.1957 by changing the saturation by 10% instead.

■ 105.6200, 19.4143,
-67.1957

■ 105.6200, 19.4143,
-67.1957

■ 255.0000, 0.0000,
0.0000

■ 78.7230, 19.8566,
-69.0401

■ 163.5070, 17.4980,
-59.2036

■ 61.8990, 16.3188,
-54.2854

■ 191.8060, 17.3506,
-58.5889

■ 45.0750, 12.7810,
-39.5308

■ 220.1050, 17.2032,
-57.9741

■ 29.0660, 9.8275,
-25.4909

■ 233.4720, 10.6133,
-44.2639

■ 11.9970, 7.8895,
-10.5214

■ 242.1430, 6.3385,
-26.4354

■ 0.0000, 0.0000,
0.0000

■ 251.1130, 1.9163,

-7.9921

■ 105.6200, 19.4143,
-67.1957

■ 105.6200, 19.4143,
-67.1957

■ 100.5480, 21.9148,
-75.9026

■ 110.6920, 16.9138,
-58.4889

■ 95.7750, 24.2679,
-83.9947

■ 115.4650, 14.5608,
-50.3968

■ 120.5370, 12.0603,
-41.6899

■ 125.3100, 9.7072,
-33.5979

■ 130.3820, 7.2067,
-24.8910

■ 135.1550, 4.8536,
-16.7989

■ 140.2270, 2.3531,
-8.0921

■ 145.0000, 0.0000,
0.0000

■ 150.0720, -2.5005,
8.7069

Harmonies

Analogous

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



111.4410, 4.2196, -46.8678



105.6200, 19.4143, -67.1957



110.2110, 26.5180, -58.9440

Triad

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



105.6200, 19.4143, -67.1957



127.3460, 12.1544, 21.6216



122.9210, -23.6251, 17.6093

Complementary

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



105.6200, 19.4143, -67.1957



68.3800, -19.4143, 67.1957

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.



124.3450, -19.8901, 33.0234



105.6200, 19.4143, -67.1957



126.7580, 0.6123, 37.0462

Square

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



105.6200, 19.4143, -67.1957



125.7820, 20.8135, -2.4398



126.0930, -10.8918, 40.2604



120.0110, -20.2184, -1.7636

Rectangle

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



105.6200, 19.4143, -67.1957



116.7340, 26.7531, -40.9857



126.0930, -10.8918, 40.2604



123.6660, -23.4993, 23.9719

Sweetspot

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



105.6200, 19.4143, -67.1957



173.4850, 7.6489, -26.7353



98.0040, -30.0750, -60.5165



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.



105.6200, 19.4143, -67.1957



127.2500, 30.4428, -104.5823



71.5740, 36.1990, -37.3374



68.9070, 1.0318, -4.3034



89.3520, 22.5045, -78.3617



5.0210, 1.4686, -4.4034

Inverse Universe

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



75.9960, 30.0750, 60.5165



81.2710, 46.7014, 94.4783



102.4260, -36.1990, 37.3374



66.8910, 2.0257, 3.6036



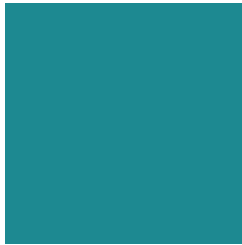
54.7290, 35.1366, 70.3977



3.1900, 1.8783, 4.2184

Previews

White Background



This preview shows how the YUV color 105.6200, 19.4143, -67.1957 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 105.6200, 19.4143, -67.1957 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

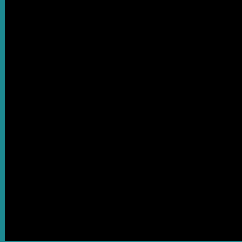
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 105.6200, 19.4143, -67.1957

Background



This preview shows how black text looks on a background with the YUV color 105.6200, 19.4143, -67.1957.

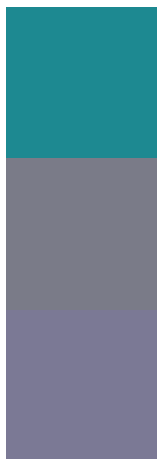


This preview shows how white text looks on a background with the YUV color 105.6200, 19.4143, -67.1957.

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

105.6200, 19.4143, -67.1957

Protanopia

124.1830, 5.8258, -1.9145

Deuteranopia

124.7900, 11.9355, -1.5698



Tritanopia

106.8590, 20.2825, -65.6513

Trichromacy



Original Color

105.6200, 19.4143, -67.1957

Protanomaly

117.2940, 10.7011, -25.6908

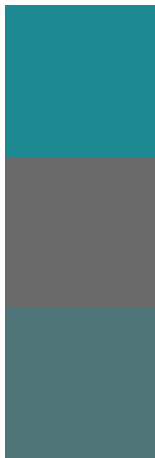
Deuteranomaly

118.0320, 14.7742, -25.4611

Tritanomaly

106.4460, 19.9931, -66.1661

Monochromacy



Original Color

105.6200, 19.4143, -67.1957

Achromatopsia

106.0000, 0.0000, 0.0000

Achromatomaly

105.6810, 7.0593, -24.2762

CSS Examples

Text

The CSS property to change the color of the text to YUV 105.6200, 19.4143, -67.1957 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(29, 137, 145)` looks like.

```
.text, #text, p{  
    color:rgb(29, 137, 145)  
}
```

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(29, 137, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 137, 145) }
```

Border

The CSS property to change the border of an element to YUV 105.6200, 19.4143, -67.1957 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(29, 137, 145) }
```


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

```
.border{ border-color:rgb(29, 137, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 137, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 137, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 137, 145);  
box-shadow:4px 4px 4px 4px rgb(29, 137,  
145) }
```

Background

The CSS property to change the background color of an element to YUV 105.6200, 19.4143, -67.1957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 137, 145) }
```

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

```
.background{ background-color: rgb(29, 137,  
145) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor