

Converting Colors

YUV(165.1080, 19.6668,
-7.9877)

Have a look what the booklet for
YUV(165.1080, 19.6668, -7.9877)
contains.

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Color

**YUV(165.1080, 19.6668,
-7.9877)**

Conversions

Conversions Part 1

Format	Color
Hex	9CA2CD
RGB	156, 162, 205
RGB Percent	61%, 64%, 80%
CMY	0.3882, 0.3647, 0.1961
CMYK	0.24, 0.21, 0.00, 0.20
HSL	233°, 33%, 71%
HSV	233°, 24%, 80%
XYZ	37.6501, 37.3164, 62.9760
YIQ	165.1080, -17.3790, 12.1010

Conversions

Conversions Part 2

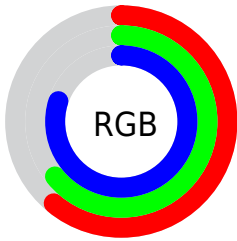
Format	Color
R _{YB}	156, 161, 205
Decimal	10265293
CIE Lab	67.51, 7.24, -22.65
CIE LCh	68, 23.774, 287.718
Yxy	37.3164, 0.2729, 0.2705
Android (android.graphics.Color)	4288455373 (0xFF9CA2CD)
YUV	165.1080, 19.6668, -7.9877
Hunter-Lab	61.0871, 3.1132, -18.3623

Details

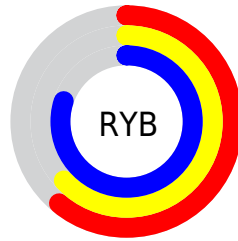
The YUV color $165.1080, 19.6668, -7.9877$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $195.8920, -19.6668, 7.9877$, and the grayscale version is $165.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $219.5380, 17.4828, -7.4878$, and $113.4670, 18.5038, -8.3026$ is the 20% darker color. If you saturate the color by 10%, you get $148.5620, 27.8239, -11.0169$, and if you desaturate by 10%, it is $181.9530, 11.3622, -4.3438$.

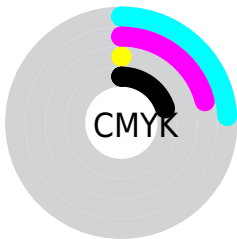
Distribution



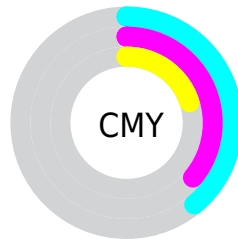
- Red (61%)
- Green (64%)
- Blue (80%)



- Red (61%)
- Yellow (63%)
- Blue (80%)



- Cyan (24%)
- Magenta (21%)
- Yellow (0%)
- Black (20%)



- Cyan (39%)
- Magenta (36%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.1080, 19.6668, -7.9877 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 165.1080, 19.6668, -7.9877 by changing the saturation by 10% instead.

■ 165.1080, 19.6668,
-7.9877

■ 165.1080, 19.6668,
-7.9877

■ 255.0000, 0.0000,
0.0000

■ 138.8800, 18.7932,
-7.7878

■ 219.5380, 17.4828,
-7.4878

■ 113.4670, 18.5038,
-8.3026

■ 244.6450, 5.1050,
-4.0737

■ 88.3530, 18.0670,
-8.2026

■ 64.8260, 17.3408,
-8.6174

■ 42.0000, 16.7620,
-9.6470

■ 19.8640, 16.3360,
-13.0357

■ 4.7080, 12.9620,

-4.1289

■ 0.3420, 1.3104,
-0.2999

■ 0.0000, 0.0000,
0.0000

■ 165.1080, 19.6668,
-7.9877

■ 165.1080, 19.6668,
-7.9877

■ 148.5620, 27.8239,
-11.0169

■ 181.9530, 11.3622,
-4.3438

■ 131.7170, 36.1285,
-14.6608

■ 198.4990, 3.2050,
-1.3146

■ 115.1710, 44.2857,
-17.6900

■ 215.3440, -5.0996,
2.3293

■ 98.3260, 52.5903,
-21.3339

■ 231.8900,
-13.2568, 5.3585

■ 81.7800, 60.7475,
-24.3631

■ 247.5390,
-20.9717, 6.5433

■ 64.9350, 69.0520,
-28.0070

■ 249.3000,
-21.8399, 4.9989

■ 48.0900, 77.3566,
-31.6509

■ 38.0450, 82.3088,
-33.3655

Harmonies

Analogous

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



160.6600, 22.3526, -29.5198



165.1080, 19.6668, -7.9877



167.7040, 12.4709, 13.4146

Triad

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



165.1080, 19.6668, -7.9877



165.7840, -15.6695, 32.6384



156.5630, -0.7706, -32.9428

Complementary

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



165.1080, 19.6668, -7.9877



195.8920, -19.6668, 7.9877

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.



159.6980, -12.1761, -14.6441



165.1080, 19.6668, -7.9877



164.1540, -20.2889, 20.9129

Square

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



165.1080, 19.6668, -7.9877



166.9830, -7.3866, 35.9719



161.9840, -19.2191, 4.3990



154.5860, 11.0501, -44.3639

Rectangle

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



165.1080, 19.6668, -7.9877



168.1740, 6.3232, 25.2804



161.9840, -19.2191, 4.3990



157.5700, -4.7180, -26.8099

Sweetspot

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



165.1080, 19.6668, -7.9877



240.2260, 7.2836, -2.8292



189.5510, 4.1654, -29.4242



119.4280, 4.2260, -2.1294



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



165.1080, 19.6668, -7.9877



194.7190, 29.7185, -12.0316



166.9680, 18.7498, 6.1671



93.7270, 4.0786, -1.5146



30.6640, 66.7206, -26.8923



7.2670, 15.1514, -6.3732

Inverse Universe

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



171.3350, -4.6022, 29.5242



204.1520, -6.9769, 44.5937



194.0320, -18.7498, -6.1671



95.1040, -1.0373, 6.0478



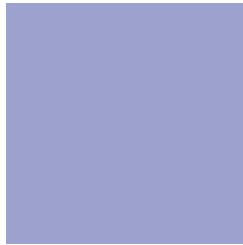
51.9140, -15.7336, 100.0534



11.9320, -3.4175, 22.8616

Previews

White Background



This preview shows how the YUV color 165.1080, 19.6668, -7.9877 looks on a white background.

Color Contrast Check

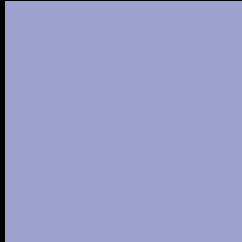
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 165.1080, 19.6668, -7.9877 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

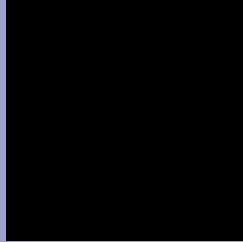
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 165.1080, 19.6668, -7.9877

Background



This preview shows how black text looks on a background with the YUV color 165.1080, 19.6668, -7.9877.



This preview shows how white text looks on a background with the YUV color 165.1080, 19.6668, -7.9877.

-7.9877.

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

165.1080, 19.6668, -7.9877

Protanopia

165.0970, 19.6722, -9.7321

Deuteranopia

165.4180, 19.5139, -5.6286



Tritanopia

163.6980, 8.0369, -11.1361

Trichromacy



Original Color

165.1080, 19.6668, -7.9877

Protanomaly

165.3960, 19.5248, -9.1173

Deuteranomaly

165.1190, 19.6613, -6.2434

Tritanomaly

164.1480, 12.2520, -9.7768

Monochromacy



Original Color

165.1080, 19.6668, -7.9877

Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

165.2260, 7.2836, -2.8292

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.1080, 19.6668, -7.9877 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(156, 162, 205)` looks like.

```
.text, #text, p{  
    color:rgb(156, 162, 205)  
}
```

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(156, 162, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 162, 205) }
```

Border

The CSS property to change the border of an element to YUV 165.1080, 19.6668, -7.9877 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(156, 162, 205) }
```


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

```
.border{ border-color:rgb(156, 162, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 162, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 162, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 162, 205);  
box-shadow:4px 4px 4px 4px rgb(156, 162,  
205) }
```

Background

The CSS property to change the background color of an element to YUV 165.1080, 19.6668, -7.9877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 162, 205) }
```

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

```
.background{ background-color: rgb(156,  
162, 205) }
```

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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