

Converting Colors

YUV(166.1320, 19.6549,
-50.9818)

Have a look what the booklet for
YUV(166.1320, 19.6549, -50.9818)
contains.

YUV(166.1320, 19.6549, -50.9818)	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(166.1320, 19.6549,
-50.9818)**

Conversions

Conversions Part 1

Format	Color
Hex	6CBCCE
RGB	108, 188, 206
RGB Percent	42%, 74%, 81%
CMY	0.5765, 0.2627, 0.1922
CMYK	0.48, 0.09, 0.00, 0.19
HSL	191°, 50%, 62%
HSV	191°, 48%, 81%
XYZ	35.3081, 43.6108, 64.9493
YIQ	166.1320, -53.4580, -11.3620

Conversions

Conversions Part 2

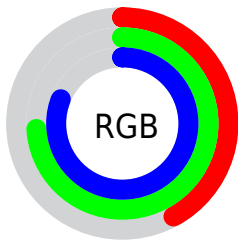
Format	Color
R _{YB}	108, 152, 206
Decimal	7126222
CIE _{Lab}	71.97, -19.74, -16.69
CIE _{LCh}	72, 25.850, 220.215
Y _{xy}	43.6108, 0.2454, 0.3031
Android (android.graphics.Color)	4285316302 (0xFF6CBCCE)
YUV	166.1320, 19.6549, -50.9818
Hunter-Lab	66.0385, -20.1305, -12.0852

Details

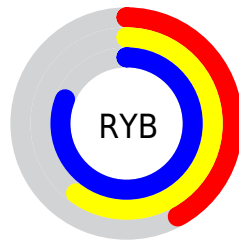
The YUV color **166.1320, 19.6549, -50.9818** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **147.8680, -19.6549, 50.9818**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.6330, 16.4499, -49.6671**, and **111.2240, 20.1026, -54.5704** is the 20% darker color. If you saturate the color by 10%, you get **157.5050, 23.9080, -61.8329**, and if you desaturate by 10%, it is **174.7590, 15.4018, -40.1306**.

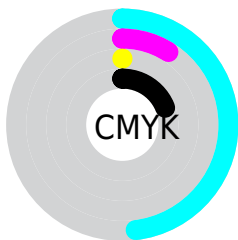
Distribution



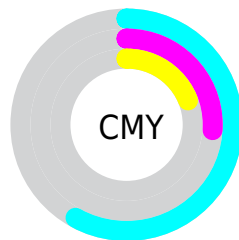
- Red (42%)
- Green (74%)
- Blue (81%)



- Red (42%)
- Yellow (60%)
- Blue (81%)



- Cyan (48%)
- Magenta (9%)
- Yellow (0%)
- Black (19%)



- Cyan (58%)
- Magenta (26%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.1320, 19.6549, -50.9818 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 166.1320, 19.6549, -50.9818 by changing the saturation by 10% instead.

■ 166.1320, 19.6549,
-50.9818

■ 166.1320, 19.6549,
-50.9818

■ 255.0000, 0.0000,
0.0000

■ 138.4200, 19.5129,
-52.1113

■ 221.6330, 16.4499,
-49.6671

■ 111.2240, 20.1026,
-54.5704

■ 236.7610, 8.9918,
-37.5014

■ 79.2440, 23.0507,
-66.8660

■ 245.4320, 4.7170,
-19.6729

■ 61.4090, 19.5184,
-53.8557

■ 254.1030, 0.4422,
-1.8443

■ 44.5850, 15.9806,
-39.1010

■ 29.0490, 12.3008,
-25.4760

■ 12.5670, 10.0735,

-11.0213

■ 0.7980, 3.0576,
-0.6998

■ 0.0000, 0.0000,
0.0000

■ 166.1320, 19.6549,
-50.9818

■ 166.1320, 19.6549,
-50.9818

■ 157.5050, 23.9080,
-61.8329

■ 174.7590, 15.4018,
-40.1306

■ 149.1770, 28.0137,
-72.0692

■ 183.0870, 11.2961,
-29.8943

■ 141.1370, 31.9775,
-83.4351

■ 191.1270, 7.3324,
-18.5284

■ 132.8090, 36.0832,
-93.6715

■ 199.4550, 3.2267,
-8.2920

■ 124.1820, 40.3363,
-104.5226

■ 208.0820, -1.0264,
2.5591

■ 122.1000, 41.3627,
-107.0817

■ 216.7090, -5.2795,
13.4102

■ 224.4500, -9.0959,
24.1613

■ 227.6950,
-10.6956, 23.9465

■ 230.0430,
-11.8532, 21.8873

Harmonies

Analogous

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



165.9940, 8.8770, -47.3527



166.1320, 19.6549, -50.9818



170.4740, 24.4163, -38.1267

Triad

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



166.1320, 19.6549, -50.9818



180.1960, 6.3124, 28.7691



174.3330, -21.8562, 10.2320

Complementary

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



166.1320, 19.6549, -50.9818



147.8680, -19.6549, 50.9818

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.



177.1440, -21.7630, 27.0607



166.1320, 19.6549, -50.9818



179.5750, -5.2135, 38.9607

Square

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



166.1320, 19.6549, -50.9818



179.5940, 15.9762, 9.1261



178.8170, -15.6858, 37.8715



171.5090, -15.5339, -10.9704

Rectangle

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



166.1320, 19.6549, -50.9818



174.1600, 24.0781, -22.9423



178.8170, -15.6858, 37.8715



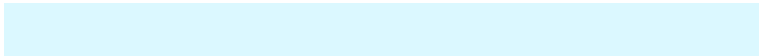
175.4370, -22.8934, 16.2798

Sweetspot

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



166.1320, 19.6549, -50.9818



240.1270, 7.3324, -18.5284



167.5780, -20.4980, -52.2499



119.0740, 4.4005, -11.4659



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.



166.1320, 19.6549, -50.9818



195.7960, 29.1876, -75.2431



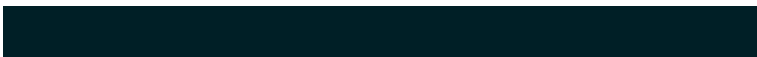
137.3690, 33.8351, -25.7566



97.8360, 2.0529, -5.1182



98.1690, 33.4407, -86.0942



22.5290, 7.6272, -19.7579

Inverse Universe

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



146.4220, 20.4980, 52.2499



166.8070, 30.1681, 77.3453



176.6310, -33.8351, 25.7566



95.9020, 2.0203, 5.3479



65.0240, 34.4982, 88.5560



14.8960, 7.9393, 20.2622

Previews

White Background



This preview shows how the YUV color 166.1320, 19.6549, -50.9818 looks on a white background.

Color Contrast Check

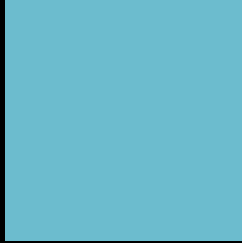
Large Text (above 18pt) WCAG AA × Fail

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 166.1320, 19.6549, -50.9818 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

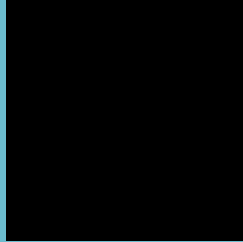
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 166.1320, 19.6549, -50.9818

Background



This preview shows how black text looks on a background with the YUV color 166.1320, 19.6549, -50.9818.



This preview shows how white text looks on a background with the YUV color 166.1320, 19.6549, -50.9818.

-50.9818.

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

166.1320, 19.6549, -50.9818

Protanopia

176.0240, 10.3412, -3.5290

Deuteranopia

176.9410, 16.2981, -0.8253



Tritanopia

165.6050, 18.9287, -51.3966

Trichromacy



Original Color

166.1320, 19.6549, -50.9818

Protanomaly

172.4240, 13.5950, -20.5428

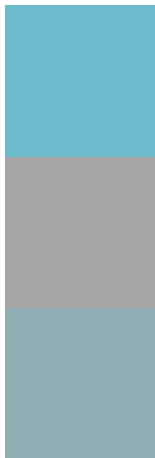
Deuteranomaly

172.8740, 17.8101, -19.1835

Tritanomaly

165.7190, 19.3655, -51.4966

Monochromacy



Original Color

166.1320, 19.6549, -50.9818

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

166.1270, 7.3324, -18.5284

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.1320, 19.6549, -50.9818 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(108, 188, 206)` looks like.

```
.text, #text, p{  
    color:rgb(108, 188, 206)  
}
```

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(108, 188, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 188, 206) }
```

Border

The CSS property to change the border of an element to YUV 166.1320, 19.6549, -50.9818 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(108, 188, 206) }
```


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

```
.border{ border-color:rgb(108, 188, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 188, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 188, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 188, 206);  
box-shadow:4px 4px 4px 4px rgb(108, 188,  
206) }
```

Background

The CSS property to change the background color of an element to YUV 166.1320, 19.6549, -50.9818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 188, 206) }
```

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

```
.background{ background-color: rgb(108,  
188, 206) }
```

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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