

Converting Colors

YUV(168.5040, 18.9785,
-20.6130)

Have a look what the booklet for
YUV(168.5040, 18.9785, -20.6130)
contains.

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Color

**YUV(168.5040, 18.9785,
-20.6130)**

Conversions

Conversions Part 1

Format	Color
Hex	91ADCF
RGB	145, 173, 207
RGB Percent	57%, 68%, 81%
CMY	0.4314, 0.3216, 0.1882
CMYK	0.30, 0.16, 0.00, 0.19
HSL	213°, 39%, 69%
HSV	213°, 30%, 81%
XYZ	37.8831, 40.4119, 64.8351
YIQ	168.5040, -27.6020, 4.6380

Conversions

Conversions Part 2

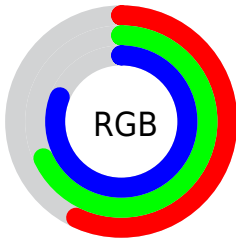
Format	Color
R _Y B	145, 164, 207
Decimal	9547215
CIE Lab	69.76, -1.70, -20.39
CIE LCh	70, 20.465, 265.238
Yxy	40.4119, 0.2647, 0.2823
Android (android.graphics.Color)	4287737295 (0xFF91ADCF)
YUV	168.5040, 18.9785, -20.6130
Hunter-Lab	63.5703, -4.8756, -15.9704

Details

The YUV color **168.5040, 18.9785, -20.6130** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **183.4960, -18.9785, 20.6130**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.7060, 15.9209, -19.9132**, and **116.2760, 18.1049, -20.4131** is the 20% darker color. If you saturate the color by 10%, you get **155.7680, 25.2574, -27.8605**, and if you desaturate by 10%, it is **181.2400, 12.6997, -13.3655**.

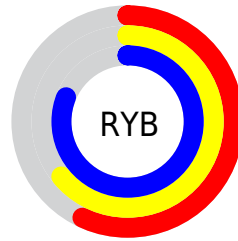
Distribution



Red (57%)

Green (68%)

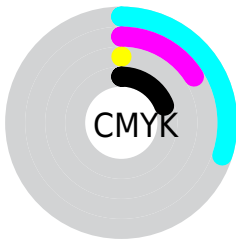
Blue (81%)



Red (57%)

Yellow (64%)

Blue (81%)

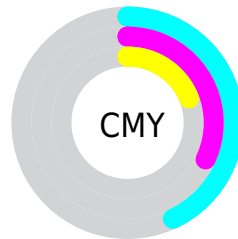


Cyan (30%)

Magenta (16%)

Yellow (0%)

Black (19%)



Cyan (43%)

Magenta (32%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.5040, 18.9785, -20.6130 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 168.5040, 18.9785, -20.6130 by changing the saturation by 10% instead.

■ 168.5040, 18.9785,
-20.6130

■ 168.5040, 18.9785,
-20.6130

■ 255.0000, 0.0000,
0.0000

■ 141.3900, 18.5417,
-20.5130

■ 222.7060, 15.9209,
-19.9132

■ 116.2760, 18.1049,
-20.4131

■ 247.2260, 3.8326,
-15.9842

■ 90.8630, 17.8155,
-20.9279

■ 66.3360, 17.0894,
-21.3427

■ 42.6130, 16.9528,
-24.2166

■ 23.1790, 15.1948,
-20.3280

■ 4.9360, 13.8356,

-4.3289

■ 0.7980, 3.0576,
-0.6998

■ 0.0000, 0.0000,
0.0000

■ 168.5040, 18.9785,
-20.6130

■ 168.5040, 18.9785,
-20.6130

■ 155.7680, 25.2574,
-27.8605

■ 181.2400, 12.6997,
-13.3655

■ 142.7440, 31.6782,
-33.9785

■ 194.2640, 6.2788,
-7.2475

■ 130.0080, 37.9571,
-41.2260

■ 207.0000, 0.0000,
0.0000

■ 117.2720, 44.2359,
-48.4735

■ 219.7360, -6.2788,
7.2475

■ 103.9490, 50.8041,
-55.2063

■ 233.0590,
-12.8471, 13.9803

■ 91.5120, 56.9356,
-61.8390

■ 241.3100,
-16.9148, 12.0061

■ 78.7760, 63.2144,
-69.0866

■ 247.7670,
-20.0981, 6.3433

■ 78.1890, 63.5038,
-68.5718

■ 249.5280,
-20.9663, 4.7989

Harmonies

Analogous

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



164.6610, 17.4221, -34.7827



168.5040, 18.9785, -20.6130



172.1150, 15.7193, -1.8549

Triad

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



168.5040, 18.9785, -20.6130



172.9070, -8.8282, 31.6536



166.0120, -8.3869, -16.6735

Complementary

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



168.5040, 18.9785, -20.6130



183.4960, -18.9785, 20.6130

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.



167.9880, -15.2771, 0.0105



168.5040, 18.9785, -20.6130



171.5660, -15.0690, 26.6906

Square

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



168.5040, 18.9785, -20.6130



174.1760, -0.0868, 27.9096



170.1040, -17.7993, 15.6948



163.5570, 1.6974, -31.1835

Rectangle

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



168.5040, 18.9785, -20.6130



173.4540, 11.6082, 10.1258



170.1040, -17.7993, 15.6948



166.3610, -11.0240, -10.8406

Sweetspot

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



168.5040, 18.9785, -20.6130



240.4920, 7.1524, -7.4475



185.1560, -3.5279, -35.2168



118.8190, 4.5262, -5.1033



0.0000, 0.0000, 0.0000



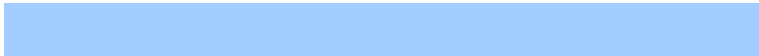
128.0000, 0.0000, 0.0000

Same Dimension

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



168.5040, 18.9785, -20.6130



198.1420, 28.0310, -30.8195



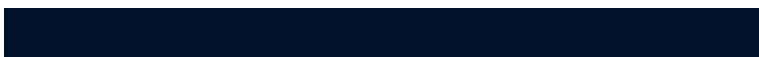
152.6660, 26.7867, -4.9691



98.1890, 3.3578, -3.6738



63.7640, 51.3883, -55.9210



15.2400, 12.6997, -13.3655

Inverse Universe

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



166.7300, 3.0911, 35.3168



195.2960, 4.7841, 52.3604



199.3340, -26.7867, 4.9691



97.8590, 0.5625, 6.2627



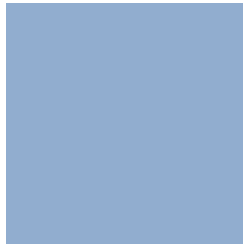
58.8960, 8.4323, 95.6842



14.3110, 1.8187, 23.4063

Previews

White Background



This preview shows how the YUV color 168.5040, 18.9785, -20.6130 looks on a white background.

Color Contrast Check

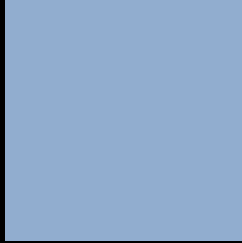
Large Text (above 18pt) WCAG AA × Fail

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 168.5040, 18.9785, -20.6130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

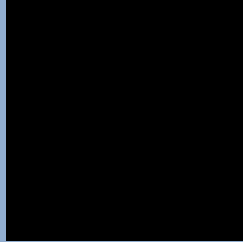
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

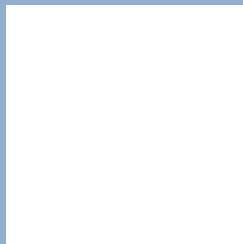
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 168.5040, 18.9785, -20.6130

Background



This preview shows how black text looks on a background with the YUV color 168.5040, 18.9785, -20.6130.



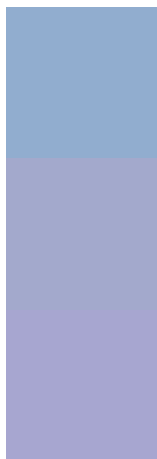
This preview shows how white text looks on a background with the YUV color 168.5040, 18.9785, -20.6130.

-20.6130.

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

168.5040, 18.9785, -20.6130

Protanopia

171.1960, 16.1724, -7.1879

Deuteranopia

171.0870, 18.1981, -3.5843



Tritanopia

167.1310, 11.2744, -22.9169

Trichromacy



Original Color

168.5040, 18.9785, -20.6130

Protanomaly

169.8040, 17.3516, -12.1061

Deuteranomaly

170.4560, 18.5092, -10.0469

Tritanomaly

167.5270, 14.0372, -22.3872

Monochromacy



Original Color

168.5040, 18.9785, -20.6130

Achromatopsia

169.0000, 0.0000, 0.0000

Achromatomaly

168.4920, 7.1524, -7.4475

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.5040, 18.9785, -20.6130 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(145, 173, 207)` looks like.

```
.text, #text, p{  
    color:rgb(145, 173, 207)  
}
```

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(145, 173, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 173, 207) }
```

Border

The CSS property to change the border of an element to YUV 168.5040, 18.9785, -20.6130 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(145, 173, 207) }
```


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

```
.border{ border-color:rgb(145, 173, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 173, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 173, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 173, 207);  
box-shadow:4px 4px 4px 4px rgb(145, 173,  
207) }
```

Background

The CSS property to change the background color of an element to YUV 168.5040, 18.9785, -20.6130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 173, 207) }
```

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

```
.background{ background-color: rgb(145,  
173, 207) }
```

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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