

Converting Colors

YUV(166.9320, 19.7535,
-35.8974)

Have a look what the booklet for
YUV(166.9320, 19.7535, -35.8974)
contains.

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Color

**YUV(166.9320, 19.7535,
-35.8974)**

Conversions

Conversions Part 1

Format	Color
Hex	7EB4CF
RGB	126, 180, 207
RGB Percent	49%, 71%, 81%
CMY	0.5059, 0.2941, 0.1882
CMYK	0.39, 0.13, 0.00, 0.19
HSL	200°, 46%, 65%
HSV	200°, 39%, 81%
XYZ	36.1879, 41.5831, 65.1505
YIQ	166.9320, -40.8510, -3.0510

Conversions

Conversions Part 2

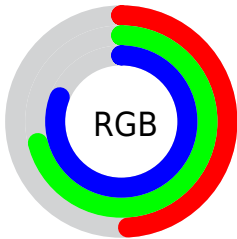
Format	Color
R_{YB}	126, 158, 207
Decimal	8303823
CIE _{Lab}	70.58, -10.81, -19.25
CIE _{LCh}	71, 22.079, 240.688
Yxy	41.5831, 0.2532, 0.2910
Android (android.graphics.Color)	4286493903 (0xFF7EB4CF)
YUV	166.9320, 19.7535, -35.8974
Hunter-Lab	64.4850, -12.6774, -14.7624

Details

The YUV color $166.9320, 19.7535, -35.8974$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $166.0680, -19.7535, 35.8974$, and the grayscale version is $167.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $221.7210, 16.4065, -35.7123$, and $113.5190, 19.4641, -36.4122$ is the 20% darker color. If you saturate the color by 10%, you get $156.5440, 24.8748, -45.2041$, and if you desaturate by 10%, it is $177.3200, 14.6322, -26.5906$.

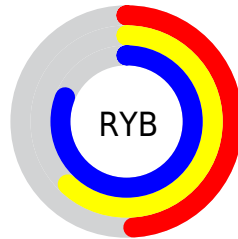
Distribution



Red (49%)

Green (71%)

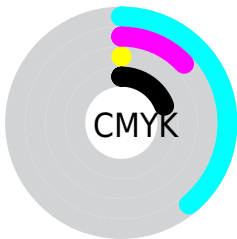
Blue (81%)



Red (49%)

Yellow (62%)

Blue (81%)

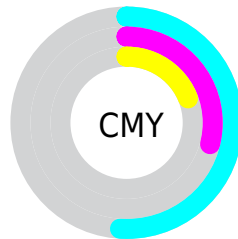


Cyan (39%)

Magenta (13%)

Yellow (0%)

Black (19%)



Cyan (51%)

Magenta (29%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.9320, 19.7535, -35.8974 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 166.9320, 19.7535, -35.8974 by changing the saturation by 10% instead.

■ 166.9320, 19.7535,
-35.8974

■ 166.9320, 19.7535,
-35.8974

255.0000, 0.0000,
0.0000

■ 139.8180, 19.3167,
-35.7974

■ 221.7210, 16.4065,
-35.7123

■ 113.5190, 19.4641,
-36.4122

■ 241.5450, 6.6333,
-27.6650

■ 87.5080, 19.4696,
-38.1565

■ 250.2160, 2.3585,
-9.8364

■ 59.8060, 20.8016,
-45.4339

■ 41.1770, 18.1537,
-36.1122

■ 26.2280, 14.1846,
-23.0020

■ 7.3980, 13.1148,

-6.4880

■ 0.7980, 3.0576,
-0.6998

■ 0.0000, 0.0000,
0.0000

■ 166.9320, 19.7535,
-35.8974

■ 166.9320, 19.7535,
-35.8974

■ 156.5440, 24.8748,
-45.2041

■ 177.3200, 14.6322,
-26.5906

■ 146.4550, 29.8487,
-53.8960

■ 187.4090, 9.6584,
-17.8987

■ 136.0670, 34.9700,
-63.2028

■ 197.7970, 4.5371,
-8.5920

■ 125.6790, 40.0913,
-72.5095

■ 208.1850, -0.5842,
0.7148

■ 116.1770, 44.7757,
-81.7162

■ 217.9860, -5.4161,
10.5363

■ 105.7890, 49.8970,
-91.0230

■ 228.0750,
-10.3900, 19.2282

■ 104.6040, 50.4812,
-91.7377

■ 233.6790,
-13.1527, 18.6985

■ 237.7880,
-15.1785, 15.0949

■ 241.8970,
-17.2042, 11.4913

Harmonies

Analogous

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



163.9930, 13.8075, -42.0899



166.9320, 19.7535, -35.8974



171.1560, 20.1361, -18.5538

Triad

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



166.9320, 19.7535, -35.8974



175.8560, -1.4080, 31.6983



169.8520, -15.7030, -3.3782

Complementary

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



166.9320, 19.7535, -35.8974



166.0680, -19.7535, 35.8974

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.



171.4520, -18.9568, 13.6356



166.9320, 19.7535, -35.8974



175.0490, -10.8702, 33.2830

Square

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



166.9320, 19.7535, -35.8974



176.0100, 8.3761, 20.1622



173.5830, -17.5424, 26.6757



166.9190, -7.3551, -20.9770

Rectangle

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



166.9320, 19.7535, -35.8974



173.9620, 17.7667, -5.2287



173.5830, -17.5424, 26.6757



170.4290, -17.4665, 2.2548

Sweetspot

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



166.9320, 19.7535, -35.8974



239.8610, 7.4635, -13.9101



176.6250, -11.6471, -44.3981



119.0960, 4.3897, -7.9772



0.0000, 0.0000, 0.0000



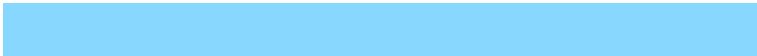
128.0000, 0.0000, 0.0000

Same Dimension

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



166.9320, 19.7535, -35.8974



195.6400, 29.2645, -53.1813



144.0390, 31.0398, -15.8202



99.3630, 2.7790, -4.7034



84.8960, 40.9703, -74.4538



20.5230, 10.0952, -17.9987

Inverse Universe

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



156.3750, 11.6471, 44.3981



180.0000, 17.2550, 65.7750



190.1350, -31.6186, 14.7906



98.0870, 1.4361, 6.0627



63.0000, 24.1570, 92.0850



15.3370, 5.7499, 22.5065

Previews

White Background



This preview shows how the YUV color 166.9320, 19.7535, -35.8974 looks on a white background.

Color Contrast Check

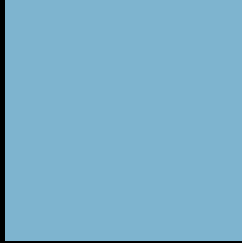
Large Text (above 18pt) WCAG AA × Fail

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 166.9320, 19.7535, -35.8974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

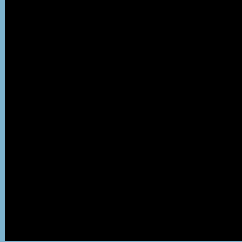
Any Text WCAG AA ✓ Pass

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 166.9320, 19.7535, -35.8974 Background



This preview shows how black text looks on a background with the YUV color 166.9320, 19.7535, -35.8974.



This preview shows how white text looks on a background with the YUV color 166.9320, 19.7535, -35.8974.

-35.8974.

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

166.9320, 19.7535, -35.8974

Protanopia

172.9250, 13.8410, -6.0732

Deuteranopia

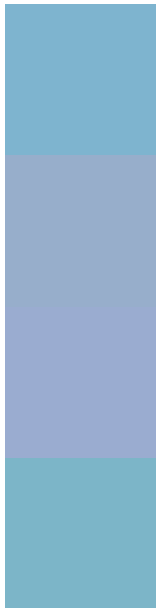
173.2720, 17.6139, -2.8695



Tritanopia

165.9550, 14.8122, -37.6715

Trichromacy



Original Color

166.9320, 19.7535, -35.8974

Protanomaly

170.4290, 16.0575, -17.0392

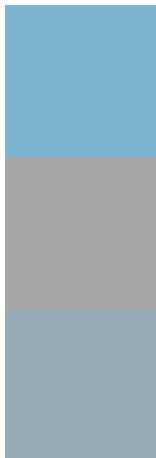
Deuteranomaly

170.7220, 18.3781, -14.6652

Tritanomaly

166.1230, 16.7014, -36.9419

Monochromacy



Original Color

166.9320, 19.7535, -35.8974

Achromatopsia

167.0000, 0.0000, 0.0000

Achromatomaly

167.1600, 7.3161, -13.2953

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.9320, 19.7535, -35.8974 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(126, 180, 207)` looks like.

```
.text, #text, p{  
    color:rgb(126, 180, 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(126, 180, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 180, 207) }
```

Border

The CSS property to change the border of an element to YUV 166.9320, 19.7535, -35.8974 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(126, 180, 207) }
```


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

```
.border{ border-color:rgb(126, 180, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 180, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 180, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 180, 207);  
box-shadow:4px 4px 4px 4px rgb(126, 180,  
207) }
```

Background

The CSS property to change the background color of an element to YUV 166.9320, 19.7535, -35.8974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 180, 207) }
```

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

```
.background{ background-color: rgb(126,  
180, 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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