

Converting Colors

YUV(166.7220, 18.3781,
-14.6652)

Have a look what the booklet for
YUV(166.7220, 18.3781, -14.6652)
contains.

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Color

**YUV(166.7220, 18.3781,
-14.6652)**

Conversions

Conversions Part 1

Format	Color
Hex	96A8CC
RGB	150, 168, 204
RGB Percent	59%, 66%, 80%
CMY	0.4118, 0.3412, 0.2000
CMYK	0.26, 0.18, 0.00, 0.20
HSL	220°, 35%, 69%
HSV	220°, 26%, 80%
XYZ	37.4794, 38.8489, 62.6500
YIQ	166.7220, -22.2840, 7.3800

Conversions

Conversions Part 2

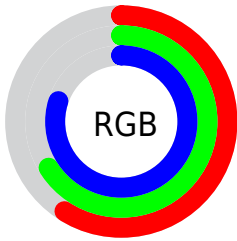
Format	Color
RYB	150, 164, 204
Decimal	9873612
CIELab	68.64, 1.82, -20.41
CIELCh	69, 20.495, 275.088
Yxy	38.8489, 0.2697, 0.2795
Android (android.graphics.Color)	4288063692 (0xFF96A8CC)
YUV	166.7220, 18.3781, -14.6652
Hunter-Lab	62.3289, -1.7406, -15.9652

Details

The YUV color $166.7220, 18.3781, -14.6652$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $187.2780, -18.3781, 14.6652$, and the grayscale version is $167.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $221.2660, 16.6309, -14.2653$, and $114.4940, 17.5045, -14.4652$ is the 20% darker color. If you saturate the color by 10%, you get $152.5240, 25.3777, -19.7535$, and if you desaturate by 10%, it is $180.9200, 11.3784, -9.5768$.

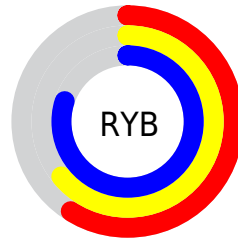
Distribution



Red (59%)

Green (66%)

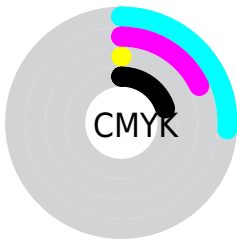
Blue (80%)



Red (59%)

Yellow (64%)

Blue (80%)

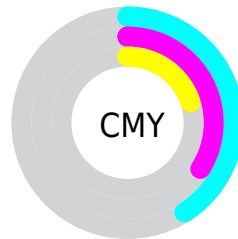


Cyan (26%)

Magenta (18%)

Yellow (0%)

Black (20%)



Cyan (41%)

Magenta (34%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.7220, 18.3781, -14.6652 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 166.7220, 18.3781, -14.6652 by changing the saturation by 10% instead.

■ 166.7220, 18.3781,
-14.6652

■ 166.7220, 18.3781,
-14.6652

255.0000, 0.0000,
0.0000

■ 140.6080, 17.9413,
-14.5652

■ 221.2660, 16.6309,
-14.2653

■ 114.4940, 17.5045,
-14.4652

■ 246.6610, 4.1111,
-11.9807

■ 89.9670, 16.7783,
-14.8801

■ 65.8530, 16.3415,
-14.7801

■ 42.7280, 15.9101,
-16.4245

■ 21.1900, 15.1893,
-18.5836

■ 4.7080, 12.9620,

-4.1289

■ 0.2280, 0.8736,
-0.2000

■ 0.0000, 0.0000,
0.0000

■ 166.7220, 18.3781,
-14.6652

■ 166.7220, 18.3781,
-14.6652

■ 152.5240, 25.3777,
-19.7535

■ 180.9200, 11.3784,
-9.5768

■ 138.6140, 32.2353,
-25.9715

■ 194.8300, 4.5208,
-3.3589

■ 124.4160, 39.2349,
-31.0598

■ 209.0280, -2.4788,
1.7294

■ 110.5060, 46.0925,
-37.2778

■ 222.9380, -9.3364,
7.9474

■ 96.3080, 53.0922,
-42.3661

■ 237.1360,
-16.3360, 13.0357

■ 82.1100, 60.0918,
-47.4545

■ 246.2510,
-20.8297, 7.6729

■ 68.2000, 66.9494,
-53.6724

■ 249.1860,
-22.2767, 5.0989

■ 63.1720, 69.4282,
-55.4018

Harmonies

Analogous

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



163.2100, 18.1375, -30.8792



166.7220, 18.3781, -14.6652



169.9910, 13.8084, 4.3929

Triad

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



166.7220, 18.3781, -14.6652



169.6250, -11.1541, 31.0239



162.0760, -5.4605, -21.9917

Complementary

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



166.7220, 18.3781, -14.6652



187.2780, -18.3781, 14.6652

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.



164.4110, -13.5136, -5.6224



166.7220, 18.3781, -14.6652



168.0880, -16.8054, 23.6018

Square

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



166.7220, 18.3781, -14.6652



170.5030, -2.7130, 30.2539



166.1850, -17.3462, 10.3618



160.0450, 4.9078, -34.2425

Rectangle

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



166.7220, 18.3781, -14.6652



170.8030, 8.9711, 15.9588



166.1850, -17.3462, 10.3618



163.0120, -8.3869, -16.6735

Sweetspot

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



166.7220, 18.3781, -14.6652



240.8020, 6.9996, -5.0884



185.8020, 0.0976, -31.3984



118.8300, 4.5208, -3.3589



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.



166.7220, 18.3781, -14.6652



198.7840, 27.7145, -22.6126



158.8470, 22.2604, 0.1342



94.9010, 3.4998, -2.5442



51.2090, 56.5920, -44.9103



11.9630, 12.8362, -10.4916

Inverse Universe

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



168.1980, -0.0976, 31.3984



200.7100, 0.1430, 47.6123



195.1530, -22.2604, -0.1342



95.3320, -0.1637, 5.8478



55.9040, -0.4457, 96.5542



12.8440, 0.0769, 22.0618

Previews

White Background



This preview shows how the YUV color 166.7220, 18.3781, -14.6652 looks on a white background.

Color Contrast Check

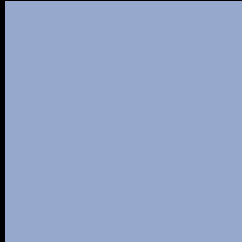
Large Text (above 18pt) WCAG AA × Fail

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 166.7220, 18.3781, -14.6652 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

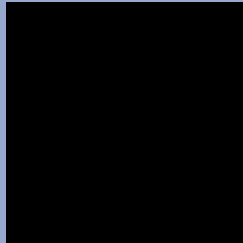
Any Text WCAG AA ✓ Pass

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 166.7220, 18.3781, -14.6652 Background



This preview shows how black text looks on a background with the YUV color 166.7220, 18.3781, -14.6652.



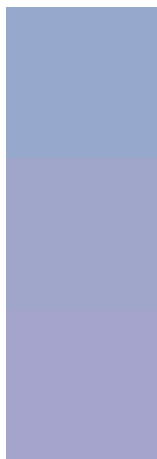
This preview shows how white text looks on a background with the YUV color 166.7220, 18.3781, -14.6652.

-14.6652.

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

166.7220, 18.3781, -14.6652

Protanopia

168.0110, 16.7566, -7.9026

Deuteranopia

168.6740, 17.9087, -4.0991



Tritanopia

165.1210, 9.8003, -16.7691

Trichromacy



Original Color

166.7220, 18.3781, -14.6652

Protanomaly

167.8150, 17.3462, -10.3618

Deuteranomaly

167.7660, 18.3564, -7.6878

Tritanomaly

165.6310, 12.9999, -16.3394

Monochromacy



Original Color

166.7220, 18.3781, -14.6652

Achromatopsia

167.0000, 0.0000, 0.0000

Achromatomaly

166.6880, 6.5628, -4.9884

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.7220, 18.3781, -14.6652 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(150, 168, 204)` looks like.

```
.text, #text, p{  
    color:rgb(150, 168, 204)  
}
```

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(150, 168, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 168, 204) }
```

Border

The CSS property to change the border of an element to YUV 166.7220, 18.3781, -14.6652 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(150, 168, 204) }
```


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

```
.border{ border-color:rgb(150, 168, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 168, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 168, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 168, 204);  
box-shadow:4px 4px 4px 4px rgb(150, 168,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 166.7220, 18.3781, -14.6652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 168, 204) }
```

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

```
.background{ background-color: rgb(150,  
168, 204) }
```

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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