

Converting Colors

YUV(168.6610, 17.4221,
-34.7827)

Have a look what the booklet for
YUV(168.6610, 17.4221, -34.7827)
contains.

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Color

**YUV(168.6610, 17.4221,
-34.7827)**

Conversions

Conversions Part 1

Format	Color
Hex	81B6CC
RGB	129, 182, 204
RGB Percent	51%, 71%, 80%
CMY	0.4941, 0.2863, 0.2000
CMYK	0.37, 0.11, 0.00, 0.20
HSL	198°, 42%, 65%
HSV	198°, 37%, 80%
XYZ	36.6803, 42.4827, 63.3935
YIQ	168.6610, -38.6500, -4.3940

Conversions

Conversions Part 2

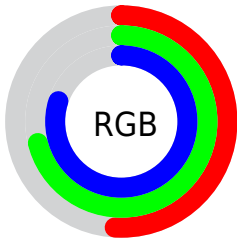
Format	Color
R _Y B	129, 160, 204
Decimal	8500940
CIE Lab	71.20, -11.84, -16.65
CIE LCh	71, 20.437, 234.579
Yxy	42.4827, 0.2573, 0.2980
Android (android.graphics.Color)	4286691020 (0xFF81B6CC)
YUV	168.6610, 17.4221, -34.7827
Hunter-Lab	65.1787, -13.6092, -12.0409

Details

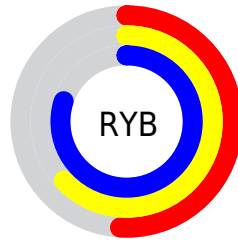
The YUV color **168.6610, 17.4221, -34.7827** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **164.3390, -17.4221, 34.7827**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.7920, 15.3855, -34.8976**, and **115.5470, 16.9853, -34.6827** is the 20% darker color. If you saturate the color by 10%, you get **159.1590, 22.1066, -43.9894**, and if you desaturate by 10%, it is **178.1630, 12.7376, -25.5760**.

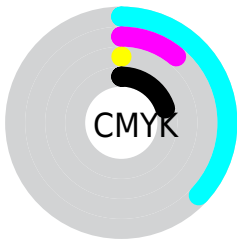
Distribution



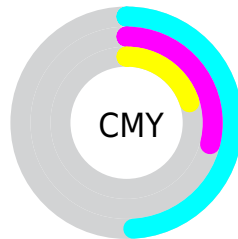
- Red (51%)
- Green (71%)
- Blue (80%)



- Red (51%)
- Yellow (63%)
- Blue (80%)



- Cyan (37%)
- Magenta (11%)
- Yellow (0%)
- Black (20%)



- Cyan (49%)
- Magenta (29%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.6610, 17.4221, -34.7827 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 168.6610, 17.4221, -34.7827 by changing the saturation by 10% instead.

■ 168.6610, 17.4221,
-34.7827

■ 168.6610, 17.4221,
-34.7827

255.0000, 0.0000,
0.0000

■ 141.6610, 17.4221,
-34.7827

■ 223.7920, 15.3855,
-34.8976

■ 115.5470, 16.9853,
-34.6827

■ 242.4420, 6.1911,
-25.8206

■ 89.8350, 16.8433,
-35.8123

■ 251.1130, 1.9163,
-7.9921

■ 63.6280, 17.4384,
-40.0158

■ 42.0090, 16.2646,
-36.8419

■ 26.4730, 12.5848,
-23.2168

■ 9.4040, 10.6468,

-8.2473

■ 0.4560, 1.7472,
-0.3999

■ 0.0000, 0.0000,
0.0000

■ 168.6610, 17.4221,
-34.7827

■ 168.6610, 17.4221,
-34.7827

■ 159.1590, 22.1066,
-43.9894

■ 178.1630, 12.7376,
-25.5760

■ 149.3580, 26.9385,
-53.8110

■ 187.9640, 7.9057,
-15.7544

■ 139.8560, 31.6230,
-63.0177

■ 197.4660, 3.2213,
-6.5477

■ 130.0550, 36.4549,
-72.8392

■ 207.2670, -1.6106,
3.2738

■ 120.5530, 41.1394,
-82.0460

■ 216.7690, -6.2951,
12.4806

■ 111.0510, 45.8239,
-91.2527

■ 226.2710,
-10.9796, 21.6873

■ 107.7840, 47.4345,
-94.5266

■ 230.9890,
-13.3056, 21.0576

■ 234.5110,
-15.0419, 17.9689

■ 238.0330,
-16.7783, 14.8801

Harmonies

Analogous

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



166.9180, 10.8864, -38.5161



168.6610, 17.4221, -34.7827



172.2050, 19.1259, -21.2278

Triad

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



168.6610, 17.4221, -34.7827



177.2900, 0.3500, 27.8097



171.8740, -15.7139, 0.1105

Complementary

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



168.6610, 17.4221, -34.7827



164.3390, -17.4221, 34.7827

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.



174.1040, -17.7993, 15.6948



168.6610, 17.4221, -34.7827



177.0210, -8.3914, 31.5536

Square

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



168.6610, 17.4221, -34.7827



177.5040, 9.1185, 15.3440



175.8650, -15.2164, 27.3054



169.3110, -8.5343, -16.0587

Rectangle

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



168.6610, 17.4221, -34.7827



174.8260, 17.3408, -8.6174



175.8650, -15.2164, 27.3054



172.5650, -17.0405, 5.6435

Sweetspot

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



168.6610, 17.4221, -34.7827



241.9320, 6.4425, -13.0954



175.4190, -12.5316, -40.7095



119.9820, 3.9529, -7.8772



0.0000, 0.0000, 0.0000



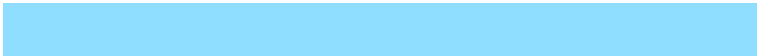
128.0000, 0.0000, 0.0000

Same Dimension

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



168.6610, 17.4221, -34.7827



202.1410, 26.0595, -51.8667



146.9420, 28.1296, -15.7351



97.2490, 2.3422, -4.6034



87.6030, 38.6497, -76.8278



20.1810, 8.7848, -17.6987

Inverse Universe

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



157.4670, 12.0948, 40.8094



185.4940, 17.9975, 60.9568



186.0580, -28.1296, 15.7351



95.7880, 1.5835, 5.4479



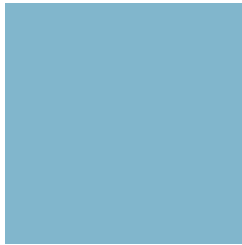
62.9720, 26.6358, 90.3556



14.4400, 6.1921, 20.6621

Previews

White Background



This preview shows how the YUV color 168.6610, 17.4221, -34.7827 looks on a white background.

Color Contrast Check

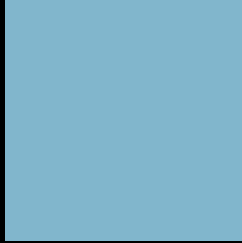
Large Text (above 18pt) WCAG AA × Fail

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 168.6610, 17.4221, -34.7827 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

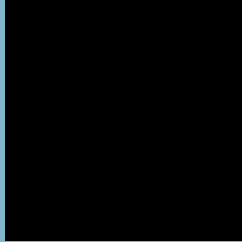
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 168.6610, 17.4221, -34.7827

Background



This preview shows how black text looks on a background with the YUV color 168.6610, 17.4221, -34.7827.



This preview shows how white text looks on a background with the YUV color 168.6610, 17.4221, -34.7827.

-34.7827.

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

168.6610, 17.4221, -34.7827

Protanopia

174.3660, 11.6516, -3.8290

Deuteranopia

175.4140, 15.5719, -1.2401



Tritanopia

167.9660, 14.8068, -35.9272

Trichromacy



Original Color

168.6610, 17.4221, -34.7827

Protanomaly

172.4570, 13.5787, -15.3098

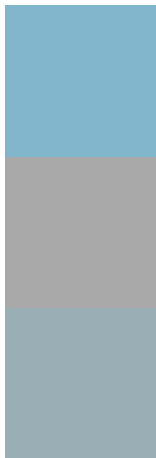
Deuteranomaly

172.8640, 16.3360, -13.0357

Tritanomaly

168.4930, 15.5330, -35.5124

Monochromacy



Original Color

168.6610, 17.4221, -34.7827

Achromatopsia

169.0000, 0.0000, 0.0000

Achromatomaly

168.9320, 6.4425, -13.0954

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.6610, 17.4221, -34.7827 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(129, 182, 204)` looks like.

```
.text, #text, p{  
    color:rgb(129, 182, 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(129, 182, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 182, 204) }
```

Border

The CSS property to change the border of an element to YUV 168.6610, 17.4221, -34.7827 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(129, 182, 204) }
```


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

```
.border{ border-color:rgb(129, 182, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 182, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 182, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 182, 204);  
box-shadow:4px 4px 4px 4px rgb(129, 182,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 168.6610, 17.4221, -34.7827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 182, 204) }
```

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

```
.background{ background-color: rgb(129,  
182, 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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