

Converting Colors

YUV(178.1610, -1.0654,
-31.7132)

Have a look what the booklet for
YUV(178.1610, -1.0654, -31.7132)
contains.

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Color

**YUV(178.1610, -1.0654,
-31.7132)**

Conversions

Conversions Part 1

Format	Color
Hex	8EC5B0
RGB	142, 197, 176
RGB Percent	56%, 77%, 69%
CMY	0.4431, 0.2275, 0.3098
CMYK	0.28, 0.00, 0.11, 0.23
HSL	157°, 32%, 66%
HSV	157°, 28%, 77%
XYZ	38.9581, 48.8179, 48.4438
YIQ	178.1610, -26.0390, -18.1910

Conversions

Conversions Part 2

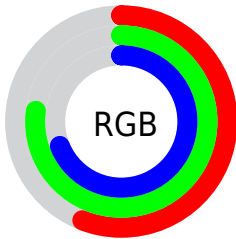
Format	Color
RYB	142, 176, 197
Decimal	9356720
CIELab	75.34, -22.29, 4.80
CIELCh	75, 22.796, 167.853
Yxy	48.8179, 0.2860, 0.3584
Android (android.graphics.Color)	4287546800 (0xFF8EC5B0)
YUV	178.1610, -1.0654, -31.7132
Hunter-Lab	69.8698, -22.7440, 7.8005

Details

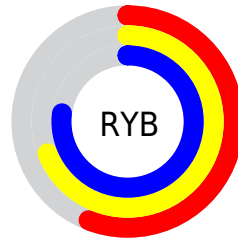
The YUV color **178.1610, -1.0654, -31.7132** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **160.8390, 1.0654, 31.7132**, and the grayscale version is **178.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.4490, -1.2074, -32.8428**, and **124.9870, -0.4866, -30.6836** is the 20% darker color. If you saturate the color by 10%, you get **171.2690, -1.6116, -43.2089**, and if you desaturate by 10%, it is **185.0530, -0.5191, -20.2175**.

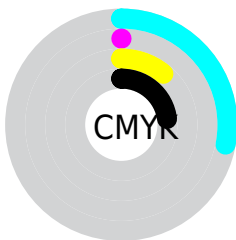
Distribution



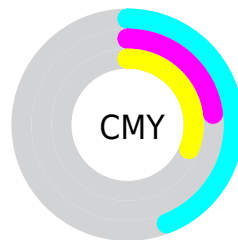
- Red (56%)
- Green (77%)
- Blue (69%)



- Red (56%)
- Yellow (69%)
- Blue (77%)



- Cyan (28%)
- Magenta (0%)
- Yellow (11%)
- Black (23%)



- Cyan (44%)
- Magenta (23%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 178.1610, -1.0654, -31.7132 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 178.1610, -1.0654, -31.7132 by changing the saturation by 10% instead.

■ 178.1610, -1.0654,
-31.7132

■ 178.1610, -1.0654,
-31.7132

255.0000, 0.0000,
0.0000

■ 151.4600, -1.2128,
-31.0984

■ 234.4490, -1.2074,
-32.8428

■ 124.9870, -0.4866,
-30.6836

■ 246.0300, 4.4222,
-18.4433

■ 99.4000, -0.1972,
-30.1688

254.7010, 0.1474,
-0.6148

■ 74.5140, 0.2396,
-30.2688

■ 49.7310, 1.1186,
-32.2131

■ 30.5360, 0.2288,
-26.7801

■ 16.6470, -4.7560,

-14.5994

■ 0.0000, 0.0000,
0.0000

■ 178.1610, -1.0654,
-31.7132

■ 178.1610, -1.0654,
-31.7132

■ 171.2690, -1.6116,
-43.2089

■ 185.0530, -0.5191,
-20.2175

■ 164.7900, -1.8685,
-54.1898

■ 191.5320, -0.2623,
-9.2366

■ 157.8980, -2.4147,
-65.6855

■ 198.4240, 0.2840,
2.2592

■ 151.1200, -2.5242,
-77.2812

■ 205.2020, 0.3934,
13.8548

■ 144.5270, -3.2178,
-88.1622

■ 212.0940, 0.9397,
25.3506

■ 137.7490, -3.3273,
-99.7579

■ 217.0780, 1.9335,
33.2576

■ 130.8570, -3.8735,
-111.2536

■ 217.9900, 5.4279,
32.4578

■ 129.5470, -3.7207,
-113.6127

■ 218.7880, 8.4855,
31.7579

■ 219.7000, 11.9799,
30.9581

Harmonies

Analogous

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



180.8120, -11.7393, -14.7441



178.1610, -1.0654, -31.7132



177.0700, 10.3185, -43.0344

Triad

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



178.1610, -1.0654, -31.7132



186.2930, 19.0826, -7.2730



187.3710, -15.9589, 32.1236

Complementary

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



178.1610, -1.0654, -31.7132



160.8390, 1.0654, 31.7132

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.



188.6840, -7.2392, 35.3571



178.1610, -1.0654, -31.7132



188.7040, 12.4709, 13.4146

Square

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



178.1610, -1.0654, -31.7132



182.1440, 21.6210, -28.1903



188.9850, 2.9654, 28.9542



185.5670, -19.9995, 21.4277

Rectangle

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



178.1610, -1.0654, -31.7132



177.3780, 16.5756, -43.3045



188.9850, 2.9654, 28.9542



187.7780, -13.2016, 34.3977

Sweetspot

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



178.1610, -1.0654, -31.7132



248.1080, -0.5462, -11.4957



180.5640, -19.0121, -15.4036



123.5430, -0.2677, -7.4922



0.0000, 0.0000, 0.0000



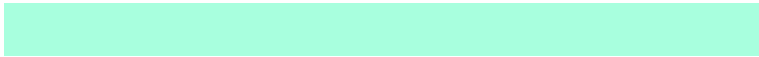
128.0000, 0.0000, 0.0000

Same Dimension

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



178.1610, -1.0654, -31.7132



225.2250, -1.5899, -50.1863



177.0330, 9.8437, -30.7239



95.9670, 0.0163, -5.2331



107.1950, -3.0541, -94.0100



23.6400, -0.8085, -20.7323

Inverse Universe

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



160.8390, 1.0654, 31.7132



197.7750, 1.5899, 50.1863



161.9670, -9.8437, 30.7239



93.0330, -0.0163, 5.2331



55.8050, 3.0541, 94.0100



12.3600, 0.8085, 20.7323

Previews

White Background



This preview shows how the YUV color 178.1610, -1.0654, -31.7132 looks on a white background.

Color Contrast Check

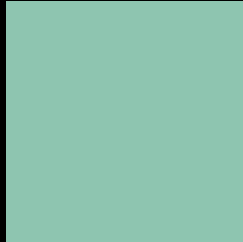
Large Text (above 18pt) WCAG AA × Fail

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 178.1610, -1.0654, -31.7132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

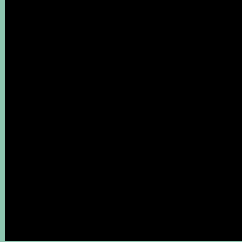
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 178.1610, -1.0654, -31.7132

Background



This preview shows how black text looks on a background with the YUV color 178.1610, -1.0654, -31.7132.



This preview shows how white text looks on a background with the YUV color 178.1610, -1.0654,

-31.7132.

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

178.1610, -1.0654, -31.7132

Protanopia

184.6820, -7.7312, 6.4179

Deuteranopia

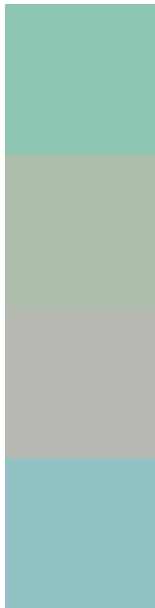
186.8880, -3.3958, 15.8842



Tritanopia

180.9670, 13.3273, -28.0351

Trichromacy



Original Color

178.1610, -1.0654, -31.7132

Protanomaly

182.5770, -5.2145, -7.5220

Deuteranomaly

184.0060, -2.4680, -1.7593

Tritanomaly

179.8760, 7.9491, -29.7093

Monochromacy



Original Color

178.1610, -1.0654, -31.7132

Achromatopsia

178.0000, 0.0000, 0.0000

Achromatomaly

178.1080, -0.5462, -11.4957

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.1610, -1.0654, -31.7132 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(142, 197, 176)` looks like.

```
.text, #text, p{  
    color:rgb(142, 197, 176)  
}
```

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(142, 197, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 197, 176) }
```

Border

The CSS property to change the border of an element to YUV 178.1610, -1.0654, -31.7132 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(142, 197, 176) }
```


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

```
.border{ border-color:rgb(142, 197, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 197, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 197, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 197, 176);  
box-shadow:4px 4px 4px 4px rgb(142, 197,  
176) }
```

Background

The CSS property to change the background color of an element to YUV 178.1610, -1.0654, -31.7132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 197, 176) }
```

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

```
.background{ background-color: rgb(142,  
197, 176) }
```

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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