

Converting Colors

YUV(180.4110, 16.5594,
-38.0714)

Have a look what the booklet for
YUV(180.4110, 16.5594, -38.0714)
contains.

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Color

**YUV(180.4110, 16.5594,
-38.0714)**

Conversions

Conversions Part 1

Format	Color
Hex	89C4D6
RGB	137, 196, 214
RGB Percent	54%, 77%, 84%
CMY	0.4627, 0.2314, 0.1608
CMYK	0.36, 0.08, 0.00, 0.16
HSL	194°, 48%, 69%
HSV	194°, 36%, 84%
XYZ	42.1941, 49.6533, 70.9785
YIQ	180.4110, -40.9420, -6.9100

Conversions

Conversions Part 2

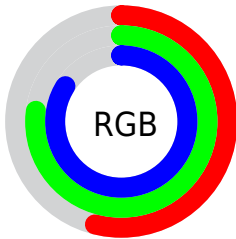
Format	Color
RYB	137, 170, 214
Decimal	9028822
CIELab	75.86, -14.51, -15.04
CIELCh	76, 20.898, 226.038
Yxy	49.6533, 0.2591, 0.3049
Android (android.graphics.Color)	4287218902 (0xFF89C4D6)
YUV	180.4110, 16.5594, -38.0714
Hunter-Lab	70.4651, -16.4292, -10.3965

Details

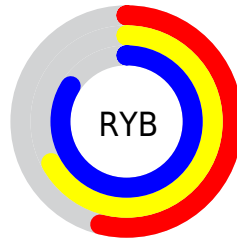
The YUV color **180.4110, 16.5594, -38.0714** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **170.5890, -16.5594, 38.0714**, and the grayscale version is **180.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.2880, 9.7180, -37.0866**, and **126.2970, 16.1226, -37.9715** is the 20% darker color. If you saturate the color by 10%, you get **171.1970, 21.1019, -48.4078**, and if you desaturate by 10%, it is **189.6250, 12.0169, -27.7351**.

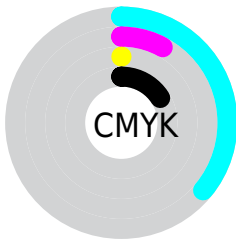
Distribution



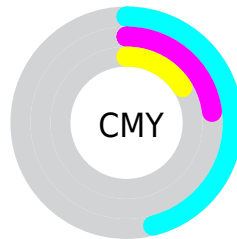
- Red (54%)
- Green (77%)
- Blue (84%)



- Red (54%)
- Yellow (67%)
- Blue (84%)



- Cyan (36%)
- Magenta (8%)
- Yellow (0%)
- Black (16%)



- Cyan (46%)
- Magenta (23%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.4110, 16.5594, -38.0714 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 180.4110, 16.5594, -38.0714 by changing the saturation by 10% instead.

■ 180.4110, 16.5594,
-38.0714

■ 180.4110, 16.5594,
-38.0714

■ 255.0000, 0.0000,
0.0000

■ 153.2970, 16.1226,
-37.9715

■ 235.2880, 9.7180,
-37.0866

■ 126.2970, 16.1226,
-37.9715

■ 244.8340, 5.0118,
-20.9024

■ 100.5850, 15.9806,
-39.1010

■ 253.8040, 0.5896,
-2.4591

■ 74.0900, 16.7176,
-42.1749

■ 49.4920, 17.0124,
-43.4045

■ 33.8420, 12.8959,
-29.6794

■ 19.7080, 9.5110,

-17.2839

■ 2.6390, 7.5730,
-2.3144

■ 0.0000, 0.0000,
0.0000

■ 180.4110, 16.5594,
-38.0714

■ 180.4110, 16.5594,
-38.0714

■ 171.1970, 21.1019,
-48.4078

■ 189.6250, 12.0169,
-27.7351

■ 161.6840, 25.7918,
-59.3589

■ 199.1380, 7.3270,
-16.7840

■ 152.4700, 30.3343,
-69.6952

■ 208.3520, 2.7845,
-6.4477

■ 142.9570, 35.0242,
-80.6463

■ 217.8650, -1.9054,
4.5034

■ 133.7430, 39.5667,
-90.9826

■ 227.0790, -6.4479,
14.8397

■ 124.5290, 44.1092,
-101.3189

■ 233.3030, -9.5164,
19.0283

■ 120.6640, 46.0146,
-105.8223

■ 236.2380,
-10.9633, 16.4543

■ 239.1730,
-12.4103, 13.8803

■ 242.1080,
-13.8572, 11.3063

Harmonies

Analogous

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



179.3480, 8.7024, -38.0162



180.4110, 16.5594, -38.0714



183.6990, 19.8684, -26.0460

Triad

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



180.4110, 16.5594, -38.0714



190.3760, 3.2656, 25.9802



185.1520, -17.3299, 5.1287

Complementary

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



180.4110, 16.5594, -38.0714



170.5890, -16.5594, 38.0714

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.



187.3110, -18.3943, 19.8983



180.4110, 16.5594, -38.0714



190.1890, -6.5022, 32.2832

Square

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



180.4110, 16.5594, -38.0714



190.1660, 11.7502, 11.2554



188.8160, -14.2063, 29.9794



182.6490, -11.1660, -11.9702

Rectangle

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



180.4110, 16.5594, -38.0714



186.2490, 19.1042, -14.2504



188.8160, -14.2063, 29.9794



185.9570, -18.2198, 10.5617

Sweetspot

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



180.4110, 16.5594, -38.0714



242.5190, 6.1531, -13.6102



184.2510, -14.4207, -41.4391



120.5690, 3.6635, -8.3920



0.0000, 0.0000, 0.0000



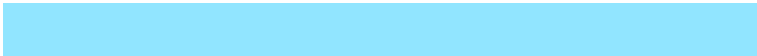
128.0000, 0.0000, 0.0000

Same Dimension

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



180.4110, 16.5594, -38.0714



206.8480, 23.7389, -54.2407



158.1050, 27.5562, -18.5091



102.5370, 2.2003, -5.7329



96.3910, 36.7822, -84.5349



24.2730, 9.2324, -21.2874

Inverse Universe

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



166.7490, 14.4207, 41.4391



187.4660, 20.4763, 59.2273



192.8950, -27.5562, 18.5091



100.3150, 2.3097, 5.8627



66.0630, 32.0139, 92.0297



16.6190, 8.0758, 23.1361

Previews

White Background



This preview shows how the YUV color 180.4110, 16.5594, -38.0714 looks on a white background.

Color Contrast Check

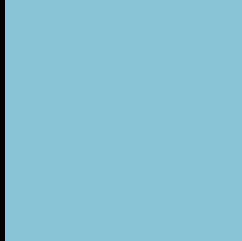
Large Text (above 18pt) WCAG AA × Fail

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 180.4110, 16.5594, -38.0714 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

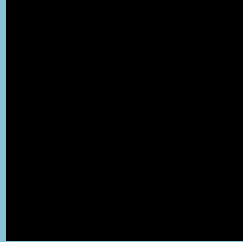
Any Text WCAG AA ✓ Pass

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 180.4110, 16.5594, -38.0714 Background



This preview shows how black text looks on a background with the YUV color 180.4110, 16.5594, -38.0714.



This preview shows how white text looks on a background with the YUV color 180.4110, 16.5594, -38.0714.

-38.0714.

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

180.4110, 16.5594, -38.0714

Protanopia

186.9100, 9.9044, -3.4291

Deuteranopia

188.3820, 14.1087, 1.4190



Tritanopia

180.1830, 15.6858, -37.8715

Trichromacy



Original Color

180.4110, 16.5594, -38.0714

Protanomaly

184.5170, 12.5631, -16.2394

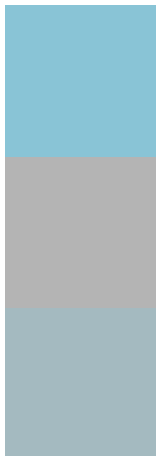
Deuteranomaly

185.5220, 15.0257, -12.7358

Tritanomaly

180.2970, 16.1226, -37.9715

Monochromacy



Original Color

180.4110, 16.5594, -38.0714

Achromatopsia

180.0000, 0.0000, 0.0000

Achromatomaly

180.1060, 5.8637, -14.1250

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.4110, 16.5594, -38.0714 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(137, 196, 214)` looks like.

```
.text, #text, p{  
    color:rgb(137, 196, 214)  
}
```

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(137, 196, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 196, 214) }
```

Border

The CSS property to change the border of an element to YUV 180.4110, 16.5594, -38.0714 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

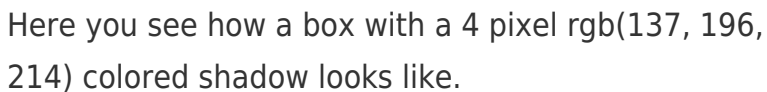
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(137, 196, 214) }
```


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

```
.border{ border-color:rgb(137, 196, 214) }
```

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



Here you see how a box with a 4 pixel `rgb(137, 196, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 196, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 196, 214);  
box-shadow:4px 4px 4px 4px rgb(137, 196,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 180.4110, 16.5594, -38.0714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 196, 214) }
```

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

```
.background{ background-color: rgb(137,  
196, 214) }
```

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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