

Converting Colors

YUV(179.8830, 17.3127,
-46.3784)

Have a look what the booklet for
YUV(179.8830, 17.3127, -46.3784)
contains.

YUV(179.8830, 17.3127, -46.3784)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(179.8830, 17.3127,
-46.3784)**

Conversions

Conversions Part 1

Format	Color
Hex	7FC8D7
RGB	127, 200, 215
RGB Percent	50%, 78%, 84%
CMY	0.5020, 0.2157, 0.1569
CMYK	0.41, 0.07, 0.00, 0.16
HSL	190°, 52%, 67%
HSV	190°, 41%, 84%
XYZ	41.6724, 50.7269, 71.8849
YIQ	179.8830, -48.3230, -10.8110

Conversions

Conversions Part 2

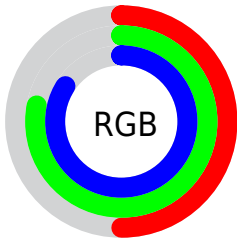
Format	Color
RYB	127, 167, 215
Decimal	8374487
CIELab	76.51, -18.92, -14.64
CIElCh	77, 23.924, 217.741
Yxy	50.7269, 0.2537, 0.3088
Android (android.graphics.Color)	4286564567 (0xFF7FC8D7)
YUV	179.8830, 17.3127, -46.3784
Hunter-Lab	71.2228, -20.1997, -9.9852

Details

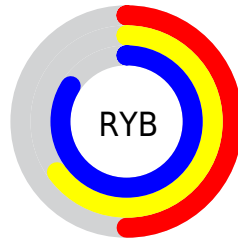
The YUV color **179.8830, 17.3127, -46.3784** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **162.1170, -17.3127, 46.3784**, and the grayscale version is **180.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.4720, 10.6133, -44.2639**, and **125.1710, 17.1707, -47.5080** is the 20% darker color. If you saturate the color by 10%, you get **171.2560, 21.5658, -57.2295**, and if you desaturate by 10%, it is **188.8090, 12.9122, -34.9125**.

Distribution



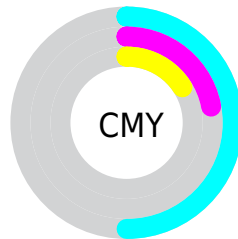
- Red (50%)
- Green (78%)
- Blue (84%)



- Red (50%)
- Yellow (65%)
- Blue (84%)



- Cyan (41%)
- Magenta (7%)
- Yellow (0%)
- Black (16%)



- Cyan (50%)
- Magenta (22%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 179.8830, 17.3127, -46.3784 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 179.8830, 17.3127, -46.3784 by changing the saturation by 10% instead.

■ 179.8830, 17.3127,
-46.3784

■ 179.8830, 17.3127,
-46.3784

255.0000, 0.0000,
0.0000

■ 152.4700, 17.0233,
-46.8932

■ 233.4720, 10.6133,
-44.2639

■ 125.1710, 17.1707,
-47.5080

■ 242.1430, 6.3385,
-26.4354

■ 97.9750, 17.7603,
-49.9671

■ 250.8140, 2.0637,
-8.6069

■ 68.1910, 20.1188,
-59.8035

■ 51.2530, 16.1443,
-44.9489

■ 35.7170, 12.4645,
-31.3238

■ 21.4690, 8.6428,

-18.8283

■ 2.7530, 8.0098,
-2.4144

■ 0.0000, 0.0000,
0.0000

■ 179.8830, 17.3127,
-46.3784

■ 179.8830, 17.3127,
-46.3784

■ 171.2560, 21.5658,
-57.2295

■ 188.8090, 12.9122,
-34.9125

■ 162.9170, 25.6769,
-69.2102

■ 196.8490, 8.9484,
-23.5466

■ 153.9910, 30.0774,
-80.6761

■ 205.7750, 4.5479,
-12.0807

■ 145.3640, 34.3305,
-91.5272

■ 214.4020, 0.2948,
-1.2296

■ 137.3240, 38.2943,
-102.8931

■ 222.7410, -3.8163,
10.7511

■ 128.9960, 42.4000,
-113.1295

■ 231.0690, -7.9220,
20.9875

■ 233.4170, -9.0796,
18.9283

■ 235.1780, -9.9478,
17.3839

■ 237.5260,
-11.1053, 15.3247

Harmonies

Analogous

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



179.2720, 7.2609, -42.3345



179.8830, 17.3127, -46.3784



183.6160, 22.3743, -36.4972

Triad

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



179.8830, 17.3127, -46.3784



192.5870, 6.6126, 25.7952



187.2730, -20.8406, 11.1616

Complementary

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



179.8830, 17.3127, -46.3784



162.1170, -17.3127, 46.3784

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.



189.4860, -20.4526, 26.7608



179.8830, 17.3127, -46.3784



192.4930, -4.1870, 36.4016

Square

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



179.8830, 17.3127, -46.3784



191.5830, 15.9816, 7.3817



191.2620, -13.9332, 35.7272



184.8190, -15.6868, -8.6113

Rectangle

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



179.8830, 17.3127, -46.3784



186.4050, 22.4783, -23.1572



191.2620, -13.9332, 35.7272



188.1920, -21.2937, 16.4946

Sweetspot

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



179.8830, 17.3127, -46.3784



242.7960, 6.0166, -16.4841



180.3660, -18.9144, -46.8020



120.2700, 3.8109, -9.0068



0.0000, 0.0000, 0.0000



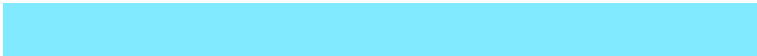
128.0000, 0.0000, 0.0000

Same Dimension

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



179.8830, 17.3127, -46.3784



205.2980, 24.5031, -66.0363



154.0550, 30.0459, -23.7272



102.5370, 2.2003, -5.7329



102.8480, 33.5989, -90.1977



26.0340, 8.3642, -22.8318

Inverse Universe

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



161.6340, 18.9144, 46.8020



179.2310, 27.0011, 66.4494



187.9450, -30.0459, 23.7272



100.3150, 2.3097, 5.8627



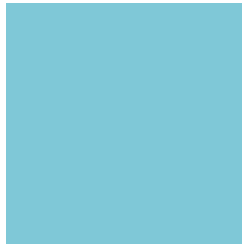
67.3170, 36.8187, 90.9300



16.9610, 9.3862, 22.8362

Previews

White Background



This preview shows how the YUV color 179.8830, 17.3127, -46.3784 looks on a white background.

Color Contrast Check

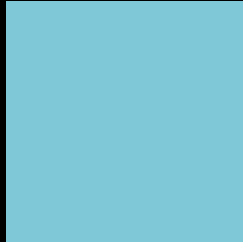
Large Text (above 18pt) WCAG AA × Fail

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 179.8830, 17.3127, -46.3784 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 179.8830, 17.3127, -46.3784 Background



This preview shows how black text looks on a background with the YUV color 179.8830, 17.3127, -46.3784.



This preview shows how white text looks on a background with the YUV color 179.8830, 17.3127, -46.3784.

-46.3784.

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

179.8830, 17.3127, -46.3784

Protanopia

188.8670, 8.4466, -2.5144

Deuteranopia

189.4960, 14.5455, 1.3190



Tritanopia

179.9970, 17.7495, -46.4784

Trichromacy



Original Color

179.8830, 17.3127, -46.3784

Protanomaly

185.8650, 11.4056, -18.2986

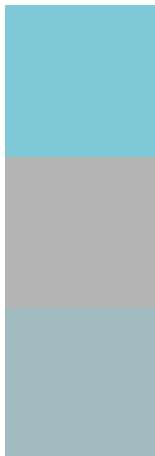
Deuteranomaly

186.0270, 15.7627, -15.8097

Tritanomaly

179.9970, 17.7495, -46.4784

Monochromacy



Original Color

179.8830, 17.3127, -46.3784

Achromatopsia

180.0000, 0.0000, 0.0000

Achromatomaly

179.9100, 6.4534, -16.5841

CSS Examples

Text

The CSS property to change the color of the text to YUV 179.8830, 17.3127, -46.3784 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(127, 200, 215)` looks like.

```
.text, #text, p{  
    color:rgb(127, 200, 215)  
}
```

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(127, 200, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 200, 215) }
```

Border

The CSS property to change the border of an element to YUV 179.8830, 17.3127, -46.3784 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(127, 200, 215) }
```


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

```
.border{ border-color:rgb(127, 200, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 200, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 200, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 200, 215);  
box-shadow:4px 4px 4px 4px rgb(127, 200,  
215) }
```

Background

The CSS property to change the background color of an element to YUV 179.8830, 17.3127, -46.3784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 200, 215) }
```

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

```
.background{ background-color: rgb(127,  
200, 215) }
```

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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