

Converting Colors

YUV(173.8030, 11.9291,
-46.3082)

Have a look what the booklet for
YUV(173.8030, 11.9291, -46.3082)
contains.

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Color

**YUV(173.8030, 11.9291,
-46.3082)**

Conversions

Conversions Part 1

Format	Color
Hex	79C4C6
RGB	121, 196, 198
RGB Percent	47%, 77%, 78%
CMY	0.5255, 0.2314, 0.2235
CMYK	0.39, 0.01, 0.00, 0.22
HSL	182°, 40%, 63%
HSV	182°, 39%, 78%
XYZ	37.8181, 47.6220, 60.6248
YIQ	173.8030, -45.3420, -15.2780

Conversions

Conversions Part 2

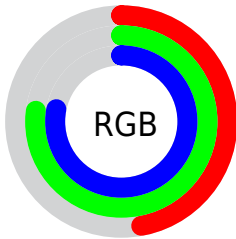
Format	Color
RYB	121, 159, 198
Decimal	7980230
CIELab	74.59, -22.70, -8.35
CIELCh	75, 24.191, 200.200
Yxy	47.6220, 0.2589, 0.3260
Android (android.graphics.Color)	4286170310 (0xFF79C4C6)
YUV	173.8030, 11.9291, -46.3082
Hunter-Lab	69.0087, -22.9437, -3.7807

Details

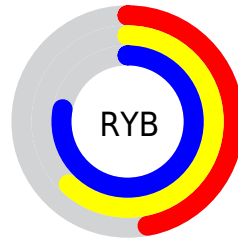
The YUV color $173.8030, 11.9291, -46.3082$ is a light color, and the websafe version is hex $66CCCC$. A complement of this color would be $145.1970, -11.9291, 46.3082$, and the grayscale version is $174.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $230.5040, 12.0765, -46.9230$, and $119.5040, 12.0765, -46.9230$ is the 20% darker color. If you saturate the color by 10%, you get $167.2360, 15.1667, -58.0890$, and if you desaturate by 10%, it is $180.3700, 8.6916, -34.5275$.

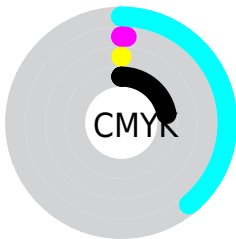
Distribution



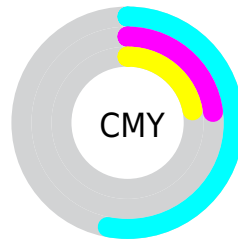
- Red (47%)
- Green (77%)
- Blue (78%)



- Red (47%)
- Yellow (62%)
- Blue (78%)



- Cyan (39%)
- Magenta (1%)
- Yellow (0%)
- Black (22%)



- Cyan (53%)
- Magenta (23%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.8030, 11.9291, -46.3082 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 173.8030, 11.9291, -46.3082 by changing the saturation by 10% instead.

■ 173.8030, 11.9291,
-46.3082

■ 173.8030, 11.9291,
-46.3082

255.0000, 0.0000,
0.0000

■ 146.8030, 11.9291,
-46.3082

■ 230.5040, 12.0765,
-46.9230

■ 119.5040, 12.0765,
-46.9230

■ 240.0500, 7.3704,
-30.7388

■ 92.4220, 13.1030,
-49.4821

■ 248.7210, 3.0955,
-12.9103

■ 64.1330, 14.7244,
-56.2446

■ 47.8960, 10.8973,
-42.0048

■ 31.8870, 7.9437,
-27.9649

■ 17.7530, 4.5588,

-15.5694

■ 0.0000, 0.0000,
0.0000

■ 173.8030, 11.9291,
-46.3082

■ 173.8030, 11.9291,
-46.3082

■ 167.2360, 15.1667,
-58.0890

■ 180.3700, 8.6916,
-34.5275

■ 161.2560, 18.1148,
-70.3845

■ 186.3500, 5.7435,
-22.2319

■ 154.9880, 21.2049,
-81.5505

■ 192.6180, 2.6533,
-11.0660

■ 149.0080, 24.1531,
-93.8460

■ 198.5980, -0.2948,
1.2296

■ 142.4410, 27.3906,
-105.6268

■ 205.1650, -3.5323,
13.0103

■ 136.4610, 30.3387,
-117.9223

■ 211.1450, -6.4805,
25.3058

■ 135.8630, 30.6335,
-119.1519

■ 216.2170, -8.9810,
34.0127

■ 216.8040, -9.2704,
33.4979

Harmonies

Analogous

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



175.3670, -0.1809, -35.4019



173.8030, 11.9291, -46.3082



175.4040, 20.5068, -44.2043

Triad

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



173.8030, 11.9291, -46.3082



187.0140, 12.3181, 15.7737



183.5130, -21.4519, 20.5981

Complementary

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



173.8030, 11.9291, -46.3082



145.1970, -11.9291, 46.3082

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.



184.7410, -17.1273, 33.5531



173.8030, 11.9291, -46.3082



187.1810, 2.3758, 31.4133

Square

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



173.8030, 11.9291, -46.3082



184.5320, 19.9507, -5.7286



186.3530, -8.5550, 37.4014



180.9730, -19.2137, 2.6547

Rectangle

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



173.8030, 11.9291, -46.3082



178.4420, 22.9531, -35.4676



186.3530, -8.5550, 37.4014



183.7740, -20.5946, 25.6312

Sweetspot

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



173.8030, 11.9291, -46.3082



245.1440, 4.8590, -18.5433



166.3130, -21.8463, -39.7395



122.0310, 2.9427, -10.5512



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.



173.8030, 11.9291, -46.3082



217.3590, 18.5570, -72.2288



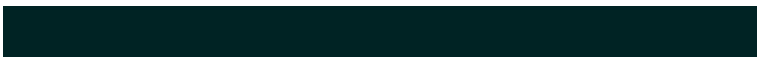
151.4970, 22.9260, -26.7459



96.3090, 1.3267, -5.5330



111.9150, 25.1849, -98.1495



24.6490, 5.5960, -21.6172

Inverse Universe

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



152.5730, 21.4095, 39.8395



184.2180, 33.4165, 62.0758



167.5030, -22.9260, 26.7459



93.7170, 2.6045, 4.6332



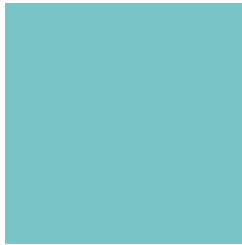
66.8630, 45.4235, 84.3121



14.7540, 9.9813, 18.6327

Previews

White Background



This preview shows how the YUV color 173.8030, 11.9291, -46.3082 looks on a white background.

Color Contrast Check

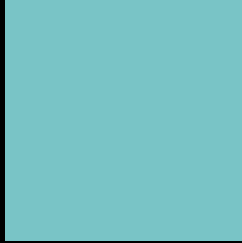
Large Text (above 18pt) WCAG AA × Fail

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 173.8030, 11.9291, -46.3082 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

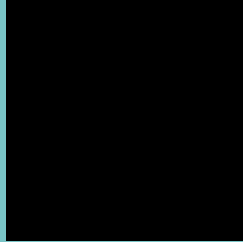
Any Text WCAG AA ✓ Pass

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 173.8030, 11.9291, -46.3082 Background



This preview shows how black text looks on a background with the YUV color 173.8030, 11.9291, -46.3082.



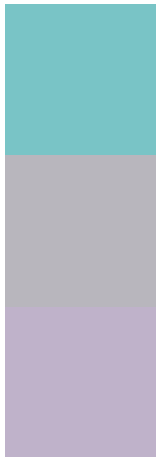
This preview shows how white text looks on a background with the YUV color 173.8030, 11.9291, -46.3082.

-46.3082.

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

173.8030, 11.9291, -46.3082

Protanopia

183.3960, 2.7628, 0.5297

Deuteranopia

184.6230, 8.5669, 5.5926



Tritanopia

174.8940, 17.3073, -44.6340

Trichromacy



Original Color

173.8030, 11.9291, -46.3082

Protanomaly

179.7960, 6.0166, -16.4841

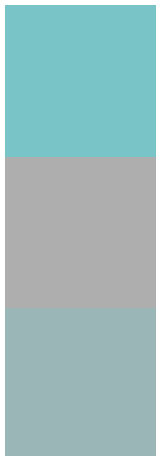
Deuteranomaly

181.1430, 9.7895, -13.2804

Tritanomaly

174.7260, 15.4181, -45.3637

Monochromacy



Original Color

173.8030, 11.9291, -46.3082

Achromatopsia

174.0000, 0.0000, 0.0000

Achromatomaly

174.0410, 4.4168, -16.6990

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.8030, 11.9291, -46.3082 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(121, 196, 198)` looks like.

```
.text, #text, p{  
    color:rgb(121, 196, 198)  
}
```

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(121, 196, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 196, 198) }
```

Border

The CSS property to change the border of an element to YUV 173.8030, 11.9291, -46.3082 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(121, 196, 198) }
```


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

```
.border{ border-color:rgb(121, 196, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 196, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 196, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 196, 198);  
box-shadow:4px 4px 4px 4px rgb(121, 196,  
198) }
```

Background

The CSS property to change the background color of an element to YUV 173.8030, 11.9291, -46.3082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 196, 198) }
```

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

```
.background{ background-color: rgb(121,  
196, 198) }
```

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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