

Converting Colors

YUV(180.4640, -0.7218,
-48.6419)

Have a look what the booklet for
YUV(180.4640, -0.7218, -48.6419)
contains.

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Color

**YUV(180.4640, -0.7218,
-48.6419)**

Conversions

Conversions Part 1

Format	Color
Hex	7DD1B3
RGB	125, 209, 179
RGB Percent	49%, 82%, 70%
CMY	0.5098, 0.1804, 0.2980
CMYK	0.40, 0.00, 0.14, 0.18
HSL	159°, 48%, 65%
HSV	159°, 40%, 82%
XYZ	39.3946, 53.2156, 50.8431
YIQ	180.4640, -40.4340, -27.1380

Conversions

Conversions Part 2

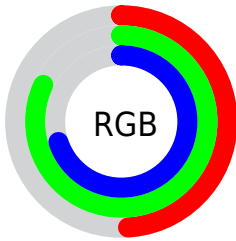
Format	Color
RYB	125, 176, 209
Decimal	8245683
CIELab	78.00, -32.39, 6.91
CIELCh	78, 33.116, 167.956
Yxy	53.2156, 0.2746, 0.3710
Android (android.graphics.Color)	4286435763 (0xFF7DD1B3)
YUV	180.4640, -0.7218, -48.6419
Hunter-Lab	72.9490, -31.2655, 9.7411

Details

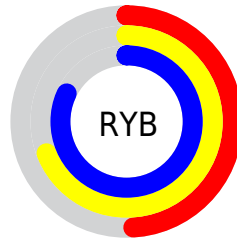
The YUV color **180.4640, -0.7218, -48.6419** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **153.5360, 0.7218, 48.6419**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.5940, 2.1722, -43.4939**, and **125.6920, 0.1518, -48.8419** is the 20% darker color. If you saturate the color by 10%, you get **173.3870, -0.6838, -60.8524**, and if you desaturate by 10%, it is **187.5410, -0.7597, -36.4315**.

Distribution



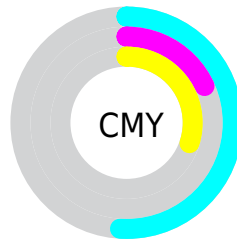
- Red (49%)
- Green (82%)
- Blue (70%)



- Red (49%)
- Yellow (69%)
- Blue (82%)



- Cyan (40%)
- Magenta (0%)
- Yellow (14%)
- Black (18%)



- Cyan (51%)
- Magenta (18%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.4640, -0.7218, -48.6419 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 180.4640, -0.7218, -48.6419 by changing the saturation by 10% instead.

■ 180.4640, -0.7218,
-48.6419

■ 180.4640, -0.7218,
-48.6419

255.0000, 0.0000,
0.0000

■ 152.8770, -0.4324,
-48.1271

■ 230.5940, 2.1722,
-43.4939

■ 125.6920, 0.1518,
-48.8419

■ 241.2460, 6.7807,
-28.2797

■ 98.9090, 1.0309,
-50.7862

■ 250.2160, 2.3585,
-9.8364

■ 68.6520, 4.1156,
-60.2078

■ 52.0560, 1.4514,
-45.6531

■ 35.4600, -1.2128,
-31.0984

■ 21.2120, -5.0345,

-18.6029

■ 0.0000, 0.0000,
0.0000

■ 180.4640, -0.7218,
-48.6419

■ 180.4640, -0.7218,
-48.6419

■ 173.3870, -0.6838,
-60.8524

■ 187.5410, -0.7597,
-36.4315

■ 166.1960, -1.0826,
-72.9629

■ 194.7320, -0.3609,
-24.3210

■ 159.1190, -1.0447,
-85.1734

■ 201.8090, -0.3988,
-12.1105

■ 151.9280, -1.4435,
-97.2839

■ 209.0000, 0.0000,
0.0000

■ 144.8510, -1.4055,
-109.4943

■ 216.0770, -0.0380,
12.2105

■ 137.9590, -1.9518,
-120.9900

■ 222.9690, 0.5083,
23.7062

■ 225.2620, 2.8288,
26.0802

■ 226.1740, 6.3232,
25.2804

■ 226.9720, 9.3808,
24.5806

Harmonies

Analogous

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



185.6880, -17.1012, -21.6514



180.4640, -0.7218, -48.6419



176.3270, 17.0938, -69.5698

Triad

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



180.4640, -0.7218, -48.6419



193.3770, 28.4081, -11.7316



194.6240, -22.9856, 45.9338

Complementary

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



180.4640, -0.7218, -48.6419



153.5360, 0.7218, 48.6419

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.



195.9850, -10.3456, 51.7562



180.4640, -0.7218, -48.6419



197.5290, 17.9802, 19.7071

Square

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



180.4640, -0.7218, -48.6419



185.6070, 32.7317, -45.2593



197.5290, 4.6692, 42.5091



192.5050, -29.3360, 29.3751

Rectangle

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



180.4640, -0.7218, -48.6419



176.4220, 26.4140, -72.2841



197.5290, 4.6692, 42.5091



194.9710, -19.2127, 49.1374

Sweetspot

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



180.4640, -0.7218, -48.6419



244.4770, -0.2352, -17.9583



183.5770, -28.8785, -24.1850



121.8200, -0.4043, -10.3661



0.0000, 0.0000, 0.0000



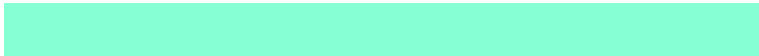
128.0000, 0.0000, 0.0000

Same Dimension

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



180.4640, -0.7218, -48.6419



213.5060, -1.2355, -70.6038



177.4270, 15.5655, -45.9785



101.2550, -0.1257, -6.3626



110.9280, -1.4435, -97.2839



27.0310, -0.5083, -23.7062

Inverse Universe

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



153.5360, 0.7218, 48.6419



174.3800, 0.7987, 70.7037



156.5730, -15.5655, 45.9785



97.7450, 0.1257, 6.3626



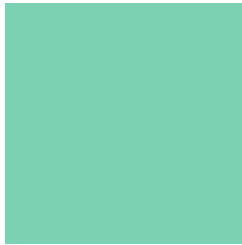
57.0720, 1.4435, 97.2839



13.9690, 0.5083, 23.7062

Previews

White Background



This preview shows how the YUV color 180.4640, -0.7218, -48.6419 looks on a white background.

Color Contrast Check

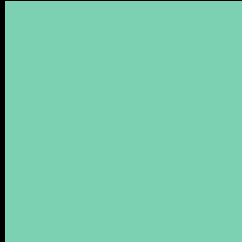
Large Text (above 18pt) WCAG AA × Fail

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 180.4640, -0.7218, -48.6419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

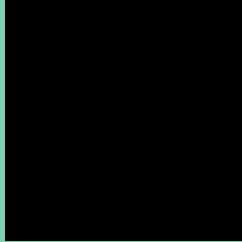
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 180.4640, -0.7218, -48.6419

Background



This preview shows how black text looks on a background with the YUV color 180.4640, -0.7218, -48.6419.



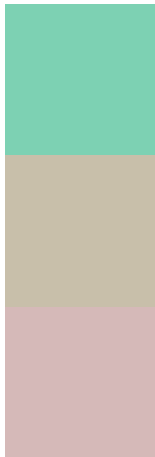
This preview shows how white text looks on a background with the YUV color 180.4640, -0.7218, -48.6419.

-48.6419.

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

180.4640, -0.7218, -48.6419

Protanopia

191.2970, -10.4994, 7.6325

Deuteranopia

193.2580, -4.5642, 17.3137



Tritanopia

184.6060, 17.4492, -43.5045

Trichromacy



Original Color

180.4640, -0.7218, -48.6419



Protanomaly

187.6750, -7.2348, -12.8700



Deuteranomaly

188.7450, -3.3253, -6.7924



Tritanomaly

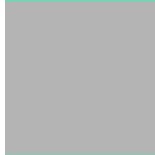
182.8740, 10.9081, -45.4935

Monochromacy



Original Color

180.4640, -0.7218, -48.6419



Achromatopsia

180.0000, 0.0000, 0.0000



Achromatomaly

180.4770, -0.2352, -17.9583

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.4640, -0.7218, -48.6419 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(125, 209, 179)` looks like.

```
.text, #text, p{  
    color:rgb(125, 209, 179)  
}
```

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(125, 209, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 209, 179) }
```

Border

The CSS property to change the border of an element to YUV 180.4640, -0.7218, -48.6419 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(125, 209, 179) }
```


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

```
.border{ border-color:rgb(125, 209, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 209, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(125, 209, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(125, 209, 179); box-shadow:4px 4px 4px 4px rgb(125, 209, 179) }
```

Background

The CSS property to change the background color of an element to YUV 180.4640, -0.7218, -48.6419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 209, 179) }
```

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

```
.background{ background-color: rgb(125,  
209, 179) }
```

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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