

Converting Colors

YUV(174.8280, 0.5778,
-45.4532)

Have a look what the booklet for
YUV(174.8280, 0.5778, -45.4532)
contains.

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Color

**YUV(174.8280, 0.5778,
-45.4532)**

Conversions

Conversions Part 1

Format	Color
Hex	7BC9B0
RGB	123, 201, 176
RGB Percent	48%, 79%, 69%
CMY	0.5176, 0.2118, 0.3098
CMYK	0.39, 0.00, 0.12, 0.21
HSL	161°, 42%, 64%
HSV	161°, 39%, 79%
XYZ	36.8915, 49.1188, 48.6108
YIQ	174.8280, -38.4630, -24.3110

Conversions

Conversions Part 2

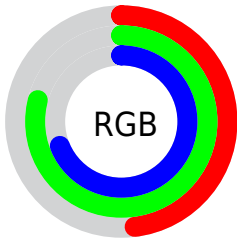
Format	Color
RYB	123, 169, 201
Decimal	8112560
CIELab	75.53, -29.78, 4.94
CIELCh	76, 30.187, 170.573
Yxy	49.1188, 0.2740, 0.3649
Android (android.graphics.Color)	4286302640 (0xFF7BC9B0)
YUV	174.8280, 0.5778, -45.4532
Hunter-Lab	70.0848, -28.6890, 7.9359

Details

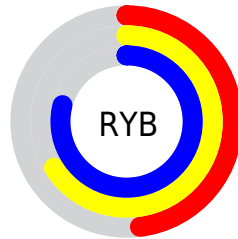
The YUV color **174.8280, 0.5778, -45.4532** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **149.1720, -0.5778, 45.4532**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.3550, 1.3040, -45.0383**, and **121.0560, 1.4514, -45.6531** is the 20% darker color. If you saturate the color by 10%, you get **168.1640, 0.9051, -57.1488**, and if you desaturate by 10%, it is **181.4920, 0.2504, -33.7575**.

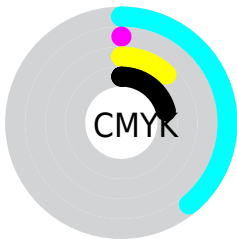
Distribution



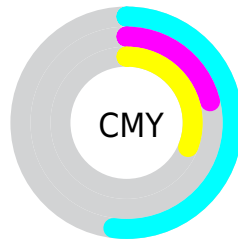
- Red (48%)
- Green (79%)
- Blue (69%)



- Red (48%)
- Yellow (66%)
- Blue (79%)



- Cyan (39%)
- Magenta (0%)
- Yellow (12%)
- Black (21%)



- Cyan (52%)
- Magenta (21%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.8280, 0.5778, -45.4532 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 174.8280, 0.5778, -45.4532 by changing the saturation by 10% instead.

■ 174.8280, 0.5778,
-45.4532

■ 174.8280, 0.5778,
-45.4532

■ 255.0000, 0.0000,
0.0000

■ 147.2410, 0.8672,
-44.9384

■ 229.3550, 1.3040,
-45.0383

■ 121.0560, 1.4514,
-45.6531

■ 240.6480, 7.0755,
-29.5093

■ 94.5720, 2.1830,
-46.9826

■ 249.3190, 2.8007,
-11.6808

■ 64.9130, 4.9729,
-55.1747

■ 47.6050, 2.1667,
-41.7496

■ 31.7100, -0.3500,
-27.8097

■ 17.2340, -5.0454,

-15.1142

■ 0.0000, 0.0000,
0.0000

■ 174.8280, 0.5778,
-45.4532

■ 174.8280, 0.5778,
-45.4532

■ 168.1640, 0.9051,
-57.1488

■ 181.4920, 0.2504,
-33.7575

■ 161.3860, 0.7957,
-68.7445

■ 188.2700, 0.3599,
-22.1618

■ 154.7220, 1.1231,
-80.4402

■ 194.9340, 0.0325,
-10.4661

■ 147.9440, 1.0136,
-92.0359

■ 201.7120, 0.1420,
1.1296

■ 141.2800, 1.3410,
-103.7316

■ 208.6750, -0.3328,
13.4400

■ 134.2030, 1.3789,
-115.9420

■ 215.4530, -0.2233,
25.0357

■ 133.6050, 1.6737,
-117.1716

■ 219.4260, 0.7760,
31.1984

■ 220.2240, 3.8336,
30.4986

■ 220.9080, 6.4544,
29.8987

Harmonies

Analogous

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



178.7850, -14.1910, -21.7364



174.8280, 0.5778, -45.4532



171.5560, 16.4879, -61.8776

Triad

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



174.8280, 0.5778, -45.4532



187.1880, 25.0503, -8.0579



187.3460, -21.3696, 40.9156

Complementary

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



174.8280, 0.5778, -45.4532



149.1720, -0.5778, 45.4532

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.



188.9520, -10.3293, 46.5231



174.8280, 0.5778, -45.4532



190.5460, 15.5068, 19.6922

Square

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



174.8280, 0.5778, -45.4532



180.7390, 29.2157, -37.4821



190.0510, 2.9329, 39.4203



185.1670, -26.7043, 25.2865

Rectangle

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



174.8280, 0.5778, -45.4532



172.7930, 23.7661, -62.9625



190.0510, 2.9329, 39.4203



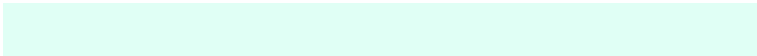
188.1660, -18.3228, 43.7044

Sweetspot

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



174.8280, 0.5778, -45.4532



244.5910, 0.2016, -18.0583



176.5600, -26.4051, -24.1701



121.9340, 0.0325, -10.4661



0.0000, 0.0000, 0.0000



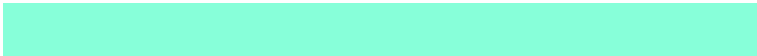
128.0000, 0.0000, 0.0000

Same Dimension

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



174.8280, 0.5778, -45.4532



214.7880, 1.0905, -69.9741



170.0470, 15.2598, -41.2602



95.9670, 0.0163, -5.2331



108.3350, 1.3138, -95.0098



23.8680, 0.0651, -20.9322

Inverse Universe

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



149.1720, -0.5778, 45.4532



175.3260, -0.6537, 69.8741



153.9530, -15.2598, 41.2602



93.0330, -0.0163, 5.2331



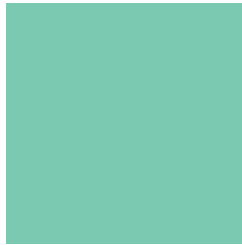
54.6650, -1.3138, 95.0098



12.0180, -0.5019, 21.0322

Previews

White Background



This preview shows how the YUV color 174.8280, 0.5778, -45.4532 looks on a white background.

Color Contrast Check

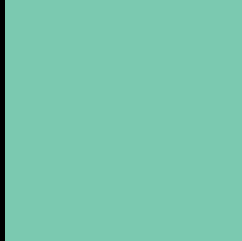
Large Text (above 18pt) WCAG AA × Fail

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 174.8280, 0.5778, -45.4532 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

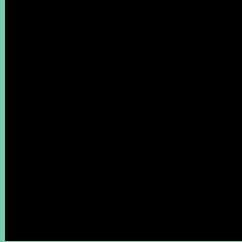
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 174.8280, 0.5778, -45.4532

Background



This preview shows how black text looks on a background with the YUV color 174.8280, 0.5778, -45.4532.



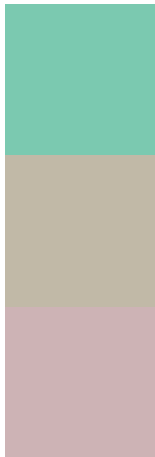
This preview shows how white text looks on a background with the YUV color 174.8280, 0.5778, -45.4532.

-45.4532.

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

174.8280, 0.5778, -45.4532

Protanopia

185.3400, -9.0416, 6.7178

Deuteranopia

187.0020, -2.9590, 15.7842



Tritanopia

178.6880, 16.4228, -40.9454

Trichromacy



Original Color

174.8280, 0.5778, -45.4532

Protanomaly

181.7290, -5.7824, -12.0403

Deuteranomaly

182.5000, -1.7255, -6.5775

Tritanomaly

177.4830, 10.6079, -42.5196

Monochromacy



Original Color

174.8280, 0.5778, -45.4532

Achromatopsia

175.0000, 0.0000, 0.0000

Achromatomaly

174.6020, 0.1962, -16.3140

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.8280, 0.5778, -45.4532 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(123, 201, 176)` looks like.

```
.text, #text, p{  
    color:rgb(123, 201, 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(123, 201, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 201, 176) }
```

Border

The CSS property to change the border of an element to YUV 174.8280, 0.5778, -45.4532 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(123, 201, 176) }
```


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

```
.border{ border-color:rgb(123, 201, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 201, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(123, 201, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(123, 201, 176); box-shadow:4px 4px 4px 4px rgb(123, 201, 176) }
```

Background

The CSS property to change the background color of an element to YUV 174.8280, 0.5778, -45.4532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 201, 176) }
```

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

```
.background{ background-color: rgb(123,  
201, 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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