

Converting Colors

YUV(176.1580, -13.3889,
-45.7426)

Have a look what the booklet for
YUV(176.1580, -13.3889, -45.7426)
contains.

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Color

**YUV(176.1580, -13.3889,
-45.7426)**

Conversions

Conversions Part 1

Format	Color
Hex	7CD095
RGB	124, 208, 149
RGB Percent	49%, 82%, 58%
CMY	0.5137, 0.1843, 0.4157
CMYK	0.40, 0.00, 0.28, 0.18
HSL	138°, 47%, 65%
HSV	138°, 40%, 82%
XYZ	36.2929, 51.5668, 36.4743
YIQ	176.1580, -31.1250, -36.1570

Conversions

Conversions Part 2

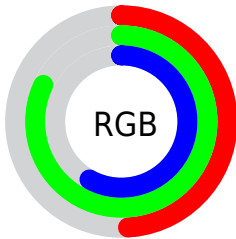
Format	Color
RYB	124, 189, 208
Decimal	8179861
CIELab	77.02, -38.21, 21.48
CIELCh	77, 43.835, 150.658
Yxy	51.5668, 0.2919, 0.4147
Android (android.graphics.Color)	4286369941 (0xFF7CD095)
YUV	176.1580, -13.3889, -45.7426
Hunter-Lab	71.8100, -35.4534, 20.1519

Details

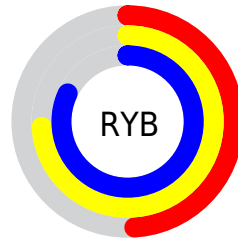
The YUV color **176.1580, -13.3889, -45.7426** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **155.8420, 13.3889, 45.7426**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.6470, -11.6580, -40.9094**, and **121.9130, -11.7891, -45.5277** is the 20% darker color. If you saturate the color by 10%, you get **168.1690, -16.8453, -57.1532**, and if you desaturate by 10%, it is **184.1470, -9.9325, -34.3319**.

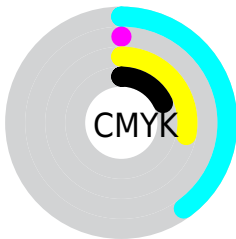
Distribution



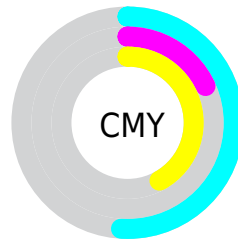
- Red (49%)
- Green (82%)
- Blue (58%)



- Red (49%)
- Yellow (74%)
- Blue (82%)



- Cyan (40%)
- Magenta (0%)
- Yellow (28%)
- Black (18%)



- Cyan (51%)
- Magenta (18%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.1580, -13.3889, -45.7426 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 176.1580, -13.3889, -45.7426 by changing the saturation by 10% instead.

■ 176.1580,
-13.3889, -45.7426

■ 176.1580,
-13.3889, -45.7426

255.0000, 0.0000,
0.0000

■ 148.6850,
-12.6627, -45.3277

■ 226.6470,
-11.6580, -40.9094

■ 121.9130,
-11.7891, -45.5277

■ 238.3250, -3.1182,
-26.5950

■ 95.2440, -10.4733,
-47.5720

■ 249.6180, 2.6533,
-11.0660

■ 65.1010, -6.9518,
-57.0936

■ 47.9180, -9.3266,
-42.0241

■ 31.6810, -13.1537,
-27.7842

■ 18.7840, -9.2605,

-16.4736

■ 0.0000, 0.0000,
0.0000

■ 176.1580,
-13.3889, -45.7426

■ 176.1580,
-13.3889, -45.7426

■ 168.1690,
-16.8453, -57.1532

■ 184.1470, -9.9325,
-34.3319

■ 160.2940,
-19.8649, -68.6638

■ 192.0220, -6.9128,
-22.8213

■ 152.6040,
-23.4688, -79.4597


■ 199.7120, -3.3090,
-12.0254

■ 144.7290,
-26.4884, -90.9703


■ 207.5870, -0.2894,
-0.5148


■ 136.7400,
-29.9448, -102.3810

■ 215.5760, 3.1670,
10.8958

 129.1640,
-33.1119, -113.2768

 223.5650, 6.6235,
22.3065

 226.9550, 11.8542,
24.5955

 227.4110, 13.6014,
24.1956

Harmonies

Analogous

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



182.6930, -31.4006, -8.5008



176.1580, -13.3889, -45.7426



164.3430, 12.6489, -90.6318

Triad

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



176.1580, -13.3889, -45.7426



181.8180, 36.0787, -45.4444



188.5530, -18.5136, 58.2740

Complementary

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



176.1580, -13.3889, -45.7426



155.8420, 13.3889, 45.7426

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.



190.7650, 0.1159, 56.3341



176.1580, -13.3889, -45.7426



192.4480, 30.8381, 2.2381

Square

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



176.1580, -13.3889, -45.7426



161.6640, 46.0146, -105.8223



195.5470, 17.4783, 40.7393



189.9700, -34.4952, 50.8923

Rectangle

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



176.1580, -13.3889, -45.7426



148.5950, 33.7237, -130.3178



195.5470, 17.4783, 40.7393



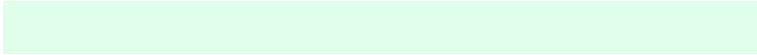
188.2740, -11.9671, 58.5187

Sweetspot

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



176.1580, -13.3889, -45.7426



243.3370, -4.6031, -16.9585



191.2480, -33.1533, -6.3565



121.1360, -3.0250, -9.7663



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.



176.1580, -13.3889, -45.7426



208.7180, -19.5810, -66.4047



180.8320, 4.5198, -49.8417



100.7990, -1.8729, -5.9627



104.3160, -26.7778, -91.4851



25.4350, -6.6235, -22.3065

Inverse Universe

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



155.8420, 13.3889, 45.7426



179.2820, 19.5810, 66.4047



151.1680, -4.5198, 49.8417



98.0870, 1.4361, 6.0627



63.6840, 26.7778, 91.4851



15.5650, 6.6235, 22.3065

Previews

White Background



This preview shows how the YUV color 176.1580, -13.3889, -45.7426 looks on a white background.

Color Contrast Check

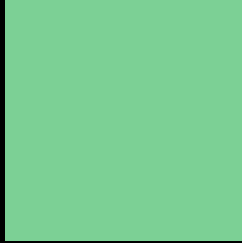
Large Text (above 18pt) WCAG AA × Fail

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 176.1580, -13.3889, -45.7426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

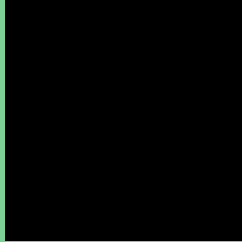
Any Text WCAG AA ✓ Pass

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 176.1580, -13.3889, -45.7426 Background



This preview shows how black text looks on a background with the YUV color 176.1580, -13.3889, -45.7426.



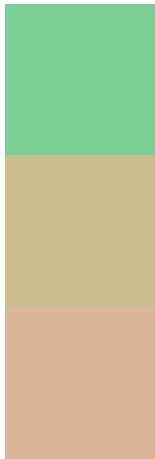
This preview shows how white text looks on a background with the YUV color 176.1580, -13.3889, -45.7426.

-45.7426.

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

176.1580, -13.3889, -45.7426

Protanopia

187.6000, -23.4668, 13.5058

Deuteranopia

189.9850, -17.2476, 25.4462



Tritanopia

182.8840, 15.8332, -38.4863

Trichromacy



Original Color

176.1580, -13.3889, -45.7426



Protanomaly

183.3800, -19.9073, -8.2263



Deuteranomaly

184.5750, -15.5665, -0.5043



Tritanomaly

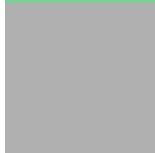
180.4140, 5.2189, -40.7051

Monochromacy



Original Color

176.1580, -13.3889, -45.7426



Achromatopsia

176.0000, 0.0000, 0.0000



Achromatomaly

176.2230, -5.0399, -16.8586

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.1580, -13.3889, -45.7426 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(124, 208, 149)` looks like.

```
.text, #text, p{  
    color:rgb(124, 208, 149)  
}
```

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(124, 208, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 208, 149) }
```

Border

The CSS property to change the border of an element to YUV 176.1580, -13.3889, -45.7426 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(124, 208, 149) }
```


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

```
.border{ border-color:rgb(124, 208, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 208, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(124, 208, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(124, 208, 149); box-shadow:4px 4px 4px 4px rgb(124, 208, 149) }
```

Background

The CSS property to change the background color of an element to YUV 176.1580, -13.3889, -45.7426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 208, 149) }
```

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

```
.background{ background-color: rgb(124,  
208, 149) }
```

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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