

Converting Colors

YUV(180.2770, -30.7026,
-45.8469)

Have a look what the booklet for
YUV(180.2770, -30.7026, -45.8469)
contains.

YUV(180.2770, -30.7026, -45.8469)	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(180.2770, -30.7026,
-45.8469)**

Conversions

Conversions Part 1

Format	Color
Hex	80DB76
RGB	128, 219, 118
RGB Percent	50%, 86%, 46%
CMY	0.4980, 0.1412, 0.5373
CMYK	0.42, 0.00, 0.46, 0.14
HSL	114°, 58%, 66%
HSV	114°, 46%, 86%
XYZ	37.5036, 56.5602, 26.0801
YIQ	180.2770, -21.8150, -50.7030

Conversions

Conversions Part 2

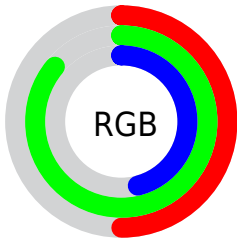
Format	Color
RYB	118, 219, 209
Decimal	8444790
CIELab	79.93, -46.77, 41.19
CIELCh	80, 62.321, 138.626
Yxy	56.5602, 0.3122, 0.4708
Android (android.graphics.Color)	4286634870 (0xFF80DB76)
YUV	180.2770, -30.7026, -45.8469
Hunter-Lab	75.2065, -42.5980, 32.0840

Details

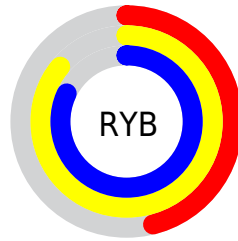
The YUV color **180.2770, -30.7026, -45.8469** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **156.7230, 30.7026, 45.8469**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.6080, -25.9357, -34.7362**, and **124.5480, -28.3712, -46.9616** is the 20% darker color. If you saturate the color by 10%, you get **171.7890, -37.3640, -55.9430**, and if you desaturate by 10%, it is **188.7650, -24.0411, -35.7509**.

Distribution



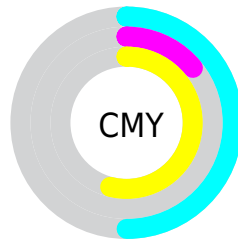
- Red (50%)
- Green (86%)
- Blue (46%)



- Red (46%)
- Yellow (86%)
- Blue (82%)



- Cyan (42%)
- Magenta (0%)
- Yellow (46%)
- Black (14%)



- Cyan (50%)
- Magenta (14%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.2770, -30.7026, -45.8469 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 180.2770, -30.7026, -45.8469 by changing the saturation by 10% instead.

■ 180.2770,
-30.7026, -45.8469

■ 180.2770,
-30.7026, -45.8469

255.0000, 0.0000,
0.0000

■ 152.5050,
-29.8290, -46.0469

■ 224.6080,
-25.9357, -34.7362

■ 124.5480,
-28.3712, -46.9616

■ 236.3570,
-18.4170, -19.6071

■ 96.5800, -26.9079,
-49.6207

■ 248.3340,
-10.0247, -4.6779

■ 66.1660, -25.7178,
-58.0276

■ 49.8950, -24.5982,
-43.7579

■ 35.8070, -17.6529,
-31.4027

■ 23.4800, -11.5756,

-20.5920

■ 0.0000, 0.0000,
0.0000

■ 180.2770,
-30.7026, -45.8469

■ 180.2770,
-30.7026, -45.8469

■ 171.7890,
-37.3640, -55.9430

■ 188.7650,
-24.0411, -35.7509

■ 163.6000,
-44.1728, -65.4242

■ 196.9540,
-17.2323, -26.2697

■ 155.1120,
-50.8342, -75.5202

■ 205.4420,
-10.5709, -16.1736

■ 146.6240,
-57.4956, -85.6162

■ 213.9300, -3.9095,
-6.0776

■ 138.2500,
-63.7203, -95.8123

■ 222.4180, 2.7519,
4.0184

■ 135.1310,
-66.6196, -99.2159

■ 230.4930, 9.1240,
13.5996

■ 233.8680, 10.4181,
18.5328

Harmonies

Analogous

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



188.8740, -52.6889, 6.2495



180.2770, -30.7026, -45.8469



152.3840, 10.1637, -133.6408

Triad

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



180.2770, -30.7026, -45.8469



152.9270, 50.3220, -134.1170



182.4040, -9.0732, 63.6667

Complementary

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



180.2770, -30.7026, -45.8469



156.7230, 30.7026, 45.8469

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.



189.7170, 16.4085, 57.2532



180.2770, -30.7026, -45.8469



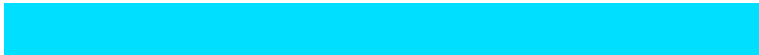
190.8100, 31.6457, -23.5124

Square

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



180.2770, -30.7026, -45.8469



159.9710, 46.8493, -140.2946



201.8380, 26.2089, 40.4841



185.9820, -35.9801, 60.5288

Rectangle

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



180.2770, -30.7026, -45.8469



157.6450, 27.7830, -138.2547



201.8380, 26.2089, 40.4841



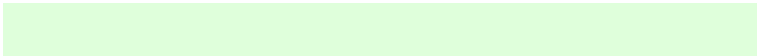
183.5100, 0.2416, 62.6967

Sweetspot

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



180.2770, -30.7026, -45.8469



241.3280, -11.0077, -16.0737



201.6160, -41.2227, 15.2458



119.5120, -6.6614, -10.0960



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.



180.2770, -30.7026, -45.8469



201.3660, -42.5784, -63.4650



181.8470, -11.7566, -55.9938



105.7560, -3.3307, -5.0480



106.6340, -52.5706, -78.6090



28.4970, -14.0490, -20.6069

Inverse Universe

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



156.7230, 30.7026, 45.8469



168.6340, 42.5784, 63.4650



155.1530, 11.7566, 55.9938



103.2440, 3.3307, 5.0480



66.3660, 52.5706, 78.6090



17.5030, 14.0490, 20.6069

Previews

White Background



This preview shows how the YUV color 180.2770, -30.7026, -45.8469 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 180.2770, -30.7026, -45.8469 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

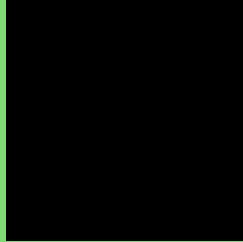
Any Text WCAG AA ✓ Pass

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 180.2770, -30.7026, -45.8469 Background



This preview shows how black text looks on a background with the YUV color 180.2770, -30.7026, -45.8469.



This preview shows how white text looks on a background with the YUV color 180.2770, -30.7026, -45.8469.

-45.8469.

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

180.2770, -30.7026, -45.8469

Protanopia

193.0620, -40.9496, 20.9936

Deuteranopia

195.7680, -34.8886, 37.0375



Tritanopia

191.2970, 16.1226, -37.9715

Trichromacy



Original Color

180.2770, -30.7026, -45.8469



Protanomaly

188.5320, -37.2373, -3.0976



Deuteranomaly

189.9230, -33.4860, 7.0835



Tritanomaly

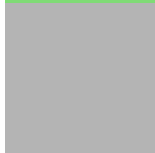
187.1060, -1.0383, -40.4350

Monochromacy



Original Color

180.2770, -30.7026, -45.8469



Achromatopsia

180.0000, 0.0000, 0.0000



Achromatomaly

179.9150, -11.2971, -16.5885

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.2770, -30.7026, -45.8469 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(128, 219, 118)` looks like.

```
.text, #text, p{  
    color:rgb(128, 219, 118)  
}
```

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(128, 219, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 219, 118) }
```

Border

The CSS property to change the border of an element to YUV 180.2770, -30.7026, -45.8469 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(128, 219, 118) }
```


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

```
.border{ border-color:rgb(128, 219, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 219, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 219, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 219, 118);  
box-shadow:4px 4px 4px 4px rgb(128, 219,  
118) }
```

Background

The CSS property to change the background color of an element to YUV 180.2770, -30.7026, -45.8469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 219, 118) }
```

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

```
.background{ background-color: rgb(128,  
219, 118) }
```

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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