

Converting Colors

YIQ(177.8800, -19.0190,
-46.3070)

Have a look what the booklet for
YIQ(177.8800, -19.0190, -46.3070)
contains.

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Color

**YIQ(177.8800, -19.0190,
-46.3070)**

Conversions

Conversions Part 1

Format	Color
Hex	83D578
RGB	131, 213, 120
RGB Percent	51%, 84%, 47%
CMY	0.4865, 0.1646, 0.5294
CMYK	0.39, 0.00, 0.44, 0.16
HSL	113°, 53%, 65%
HSV	113°, 44%, 84%
XYZ	36.5431, 53.7819, 26.2239
YIQ	177.8800, -19.0190, -46.3070

Conversions

Conversions Part 2

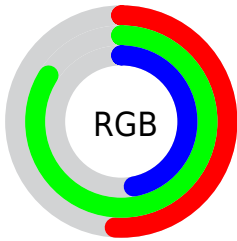
Format	Color
RYB	120, 213, 202
Decimal	8639864
CIELab	78.33, -43.04, 38.21
CIELCh	78, 57.554, 138.402
Yxy	53.7819, 0.3135, 0.4615
Android (android.graphics.Color)	4286829944 (0xFF83D578)
YUV	177.8800, -28.5348, -41.1138
Hunter-Lab	73.3361, -39.3926, 30.1341

Details

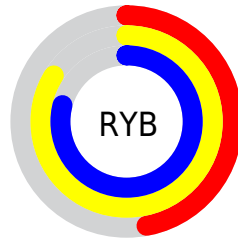
The YIQ color **177.8800, -19.0190, -46.3070** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **155.1200, 19.0190, 46.3070**, and the grayscale version is **178.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **225.4340, -14.5270, -39.6070**, and **123.3360, -20.3030, -45.0630** is the 20% darker color. If you saturate the color by 10%, you get **169.8050, -23.6020, -56.8660**, and if you desaturate by 10%, it is **185.9550, -14.4360, -35.7480**.

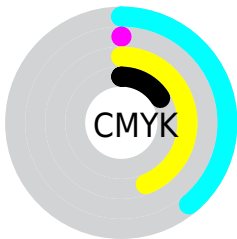
Distribution



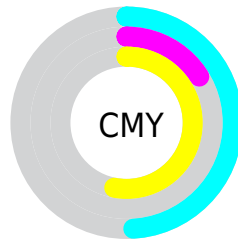
- Red (51%)
- Green (84%)
- Blue (47%)



- Red (47%)
- Yellow (84%)
- Blue (79%)



- Cyan (39%)
- Magenta (0%)
- Yellow (44%)
- Black (16%)



- Cyan (49%)
- Magenta (16%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 177.8800, -19.0190, -46.3070 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 YIQ color 177.8800, -19.0190, -46.3070 by changing the saturation by 10% instead.

■ 177.8800,
-19.0190, -46.3070

■ 177.8800,
-19.0190, -46.3070

■ 255.0000, -0.0000,
-0.0000

■ 150.1080,
-19.6610, -45.6850

■ 225.4340,
-14.5270, -39.6070

■ 123.3360,
-20.3030, -45.0630

■ 237.1830, -5.9100,
-25.0620

■ 96.0800, -22.4580,
-44.5540

■ 249.1600, 2.0650,
-9.8950

■ 66.1930, -30.2060,
-47.3100

■ 46.9600, -22.0000,
-41.8400

■ 32.8720, -15.4000,
-29.2880

■ 21.1320, -9.9000,

-18.8280

■ 0.0000, 0.0000,
0.0000

■ 177.8800,
-19.0190, -46.3070

■ 177.8800,
-19.0190, -46.3070

■ 169.8050,
-23.6020, -56.8660

■ 185.9550,
-14.4360, -35.7480

■ 161.6160,
-27.8640, -67.7360

■ 194.1440,
-10.1740, -24.8780

■ 153.8400,
-31.8510, -78.0830

■ 201.9200, -6.1870,
-14.5310

■ 145.7650,
-36.4340, -88.6420

■ 209.9950, -1.6040,
-3.9720

■ 137.5760,
-40.6960, -99.5120

■ 218.1840, 2.6580,
6.8980

■ 132.5060,
-43.6750, -106.0990

■ 226.2590, 7.2410,
17.4570

■ 230.3460, 11.5500,
21.9660

Harmonies

Analogous

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



185.7260, 31.5050, -36.8390



177.8800, -19.0190, -46.3070



147.9330, -114.7950, -61.6670

Triad

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



177.8800, -19.0190, -46.3070



149.9920, -138.5050, -28.4330



182.8770, 58.4070, 26.3030

Complementary

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



177.8800, -19.0190, -46.3070



155.1200, 19.0190, 46.3070

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.



189.6200, 40.7980, 42.5740



177.8800, -19.0190, -46.3070



188.1630, -36.4070, 15.5370

Square

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



177.8800, -19.0190, -46.3070



155.8620, -141.2550, -33.6630



198.5600, 14.6640, 42.6320



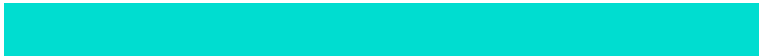
185.7370, 69.6440, 4.3640

Rectangle

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



177.8800, -19.0190, -46.3070



153.4390, -127.5430, -50.8950



198.5600, 14.6640, 42.6320



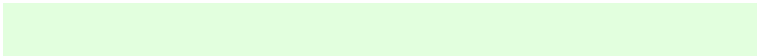
183.7550, 53.1790, 32.9470

Sweetspot

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



177.8800, -19.0190, -46.3070



242.5670, -6.6910, -16.4110



195.3540, 33.1530, -22.6470



119.9250, -4.5830, -10.5590



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.



177.8800, -19.0190, -46.3070



204.8550, -27.0390, -66.1670



178.4670, -36.4890, -38.0650



103.0550, -1.8330, -5.3290



106.3570, -35.1050, -85.1930



26.7360, -8.8450, -21.4290

Inverse Universe

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



155.1200, 19.0190, 46.3070



172.1450, 27.0390, 66.1670



154.5330, 36.4890, 38.0650



100.2440, 2.4290, 5.5410



64.6430, 35.1050, 85.1930



16.2640, 8.8450, 21.4290

Previews

White Background



This preview shows how the YIQ color 177.8800, -19.0190, -46.3070 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 YIQ color 177.8800, -19.0190, -46.3070 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](#).

YIQ 177.8800, -19.0190, -46.3070 Background



This preview shows how black text looks on a background with the YIQ color 177.8800, -19.0190, -46.3070.



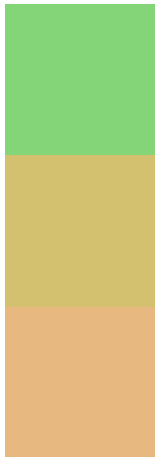
This preview shows how white text looks on a background with the YIQ color 177.8800, -19.0190, -46.3070.

-46.3070.

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

177.8800, -19.0190, -46.3070

Protanopia

189.1480, 36.7290, -21.3750

Deuteranopia

191.5550, 46.3090, -7.7630



Tritanopia

187.9770, -36.7240, -6.2600

Trichromacy



Original Color

177.8800, -19.0190, -46.3070



Protanomaly

184.9280, 16.5570, -30.2510



Deuteranomaly

186.9060, 22.7910, -22.0810



Tritanomaly

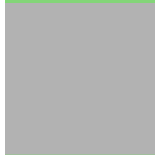
184.1280, -30.4400, -21.0320

Monochromacy



Original Color

177.8800, -19.0190, -46.3070



Achromatopsia

178.0000, -0.0000, -0.0000



Achromatomaly

178.1540, -6.9660, -16.9340

CSS Examples

Text

The CSS property to change the color of the text to YIQ 177.8800, -19.0190, -46.3070 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(131, 213, 120)` looks like.

```
.text, #text, p{  
    color:rgb(131, 213, 120)  
}
```

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(131, 213, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 213, 120) }
```

Border

The CSS property to change the border of an element to YIQ 177.8800, -19.0190, -46.3070 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(131, 213, 120) }
```


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

```
.border{ border-color:rgb(131, 213, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 213, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 213, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 213, 120);  
box-shadow:4px 4px 4px 4px rgb(131, 213,  
120) }
```

Background

The CSS property to change the background color of an element to YIQ 177.8800, -19.0190, -46.3070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 213, 120) }
```

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

```
.background{ background-color: rgb(131,  
213, 120) }
```

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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