

Converting Colors

YIQ(116.8800, -46.5230,
-76.4990)

Have a look what the booklet for
YIQ(116.8800, -46.5230, -76.4990)
contains.

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Color

**YIQ(116.8800, -46.5230,
-76.4990)**

Conversions

Conversions Part 1

Format	Color
Hex	19B326
RGB	25, 179, 38
RGB Percent	10%, 70%, 15%
CMY	0.9024, 0.2978, 0.8510
CMYK	0.86, 0.00, 0.79, 0.30
HSL	125°, 76%, 40%
HSV	125°, 86%, 70%
XYZ	16.8806, 32.6110, 7.2370
YIQ	116.8800, -46.5230, -76.4990

Conversions

Conversions Part 2

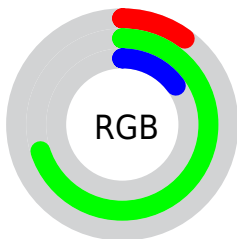
Format	Color
RYB	25, 167, 179
Decimal	1684262
CIELab	63.84, -63.11, 56.65
CIELCh	64, 84.803, 138.087
Yxy	32.6110, 0.2976, 0.5749
Android (android.graphics.Color)	4279874342 (0xFF19B326)
YUV	116.8800, -38.8878, -80.5788
Hunter-Lab	57.1061, -47.1709, 32.4605

Details

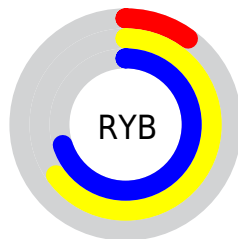
The YIQ color **116.8800, -46.5230, -76.4990** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **87.1200, 46.5230, 76.4990**, and the grayscale version is **117.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **180.0450, -33.6860, -72.3580**, and **73.3750, -34.3750, -65.3750** is the 20% darker color. If you saturate the color by 10%, you get **109.6740, -52.1150, -85.2910**, and if you desaturate by 10%, it is **124.0860, -40.9310, -67.7070**.

Distribution



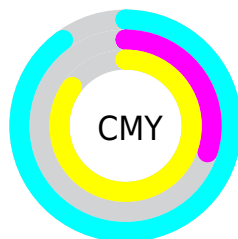
- Red (10%)
- Green (70%)
- Blue (15%)



- Red (10%)
- Yellow (65%)
- Blue (70%)



- Cyan (86%)
- Magenta (0%)
- Yellow (79%)
- Black (30%)





- Cyan (90%)
- Magenta (30%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 116.8800, -46.5230, -76.4990 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 116.8800, -46.5230, -76.4990 by changing the saturation by 10% instead.


 116.8800,
-46.5230, -76.4990


 116.8800,
-46.5230, -76.4990


255.0000, -0.0000,
-0.0000


 88.6370, -41.5250,
-78.9730


 180.0450,
-33.6860, -72.3580


 73.3750, -34.3750,
-65.3750


 203.5450,
-29.1020, -67.3260

 57.5260, -26.9500,
-51.2540


 215.7070,
-20.2100, -52.2580

 42.8510, -20.0750,
-38.1790

 228.1680,
-10.7220, -36.9780

 29.3500, -13.7500,
-26.1500

 240.3300, -1.8300,
-21.9100

 12.9140, -6.0500,
-11.5060

 252.6060, 6.7410,

 0.0000, 0.0000,

-6.5310

0.0000

■ 116.8800,
-46.5230, -76.4990

■ 116.8800,
-46.5230, -76.4990

■ 109.6740,
-52.1150, -85.2910

■ 124.0860,
-40.9310, -67.7070

■ 106.7830,
-54.0400, -88.9520

■ 131.4060,
-35.6600, -58.6040

■ 138.6120,
-30.0680, -49.8120

■ 145.9320,
-24.7970, -40.7090

■ 152.8390,
-19.8010, -32.1290

■ 160.0450,
-14.2090, -23.3370

■ 167.3650, -8.9380,
-14.2340

■ 174.5710, -3.3460,
-5.4420

■ 181.7770, 2.2460,
3.3500

Harmonies

Analogous

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



139.9110, 40.4490, -55.7670



116.8800, -46.5230, -76.4990



122.9760, -89.9910, -59.6470

Triad

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



116.8800, -46.5230, -76.4990



130.6210, -129.4300, -11.1740



127.8690, 97.5570, 54.6850

Complementary

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



116.8800, -46.5230, -76.4990



87.1200, 46.5230, 76.4990

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.



138.1800, 72.6570, 76.4410



116.8800, -46.5230, -76.4990



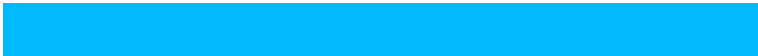
134.1850, -86.1990, 14.8330

Square

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



116.8800, -46.5230, -76.4990



137.6650, -132.7300, -17.4500



157.3270, 14.8430, 66.9310



141.7390, 110.8610, 11.7970

Rectangle

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



116.8800, -46.5230, -76.4990



130.1920, -107.5540, -44.2100



157.3270, 14.8430, 66.9310



127.1970, 91.1820, 65.5980

Sweetspot

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



116.8800, -46.5230, -76.4990



207.7900, -18.1050, -29.8250



157.5570, 41.6860, -50.6500



102.4740, -10.8630, -17.8950



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



116.8800, -46.5230, -76.4990



138.4640, -70.2200, -115.1160



125.6580, -71.2400, -52.5520



85.3970, -2.7960, -4.3960



91.2930, -46.2480, -75.9760



15.4900, -7.7920, -12.9760

Inverse Universe

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



87.1200, 46.5230, 76.4990



93.5360, 70.2200, 115.1160



78.3420, 71.2400, 52.5520



83.6030, 2.7960, 4.3960



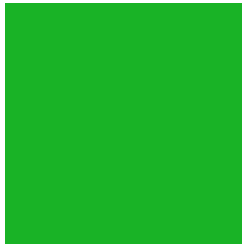
61.7070, 46.2480, 75.9760



10.3960, 8.1130, 12.6650

Previews

White Background



This preview shows how the YIQ color 116.8800, -46.5230, -76.4990 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 116.8800, -46.5230, -76.4990 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 116.8800, -46.5230, -76.4990 Background



This preview shows how black text looks on a background with the YIQ color 116.8800, -46.5230, -76.4990.



This preview shows how white text looks on a background with the YIQ color 116.8800, -46.5230, -76.4990.

-76.4990.

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

116.8800, -46.5230, -76.4990

Protanopia

145.6590, 50.8070, -34.2250

Deuteranopia

149.1520, 57.2690, -19.1710



Tritanopia

141.5720, -57.8130, -15.0370

Trichromacy



Original Color

116.8800, -46.5230, -76.4990



Protanomaly

135.1380, 15.1850, -49.4470



Deuteranomaly

137.3870, 19.2180, -39.9340



Tritanomaly

132.3110, -53.5450, -37.3290

Monochromacy



Original Color

116.8800, -46.5230, -76.4990



Achromatopsia

117.0000, -0.0000, 0.0000



Achromatomaly

117.3280, -16.6840, -28.0440

CSS Examples

Text

The CSS property to change the color of the text to YIQ 116.8800, -46.5230, -76.4990 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(25, 179, 38)` looks like.

```
.text, #text, p{  
    color:rgb(25, 179, 38)  
}
```

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(25, 179, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 179, 38) }
```

Border

The CSS property to change the border of an element to YIQ 116.8800, -46.5230, -76.4990 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(25, 179, 38) }
```


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

```
.border{ border-color:rgb(25, 179, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 179, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 179, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 179, 38);  
box-shadow:4px 4px 4px 4px rgb(25, 179,  
38) }
```

Background

The CSS property to change the background color of an element to YIQ 116.8800, -46.5230, -76.4990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 179, 38) }
```

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

```
.background{ background-color: rgb(25, 179,  
38) }
```

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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