

Converting Colors

YIQ(180.4450, 22.4710,
-27.2970)

Have a look what the booklet for
YIQ(180.4450, 22.4710, -27.2970)
contains.

YIQ(180.4450, 22.4710, -27.2970)	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

**YIQ(180.4450, 22.4710,
-27.2970)**

Conversions

Conversions Part 1

Format	Color
Hex	B9C06D
RGB	185, 192, 109
RGB Percent	73%, 75%, 43%
CMY	0.2746, 0.2470, 0.5724
CMYK	0.04, 0.00, 0.43, 0.25
HSL	65°, 40%, 59%
HSV	65°, 43%, 75%
XYZ	41.6160, 49.1176, 21.7663
YIQ	180.4450, 22.4710, -27.2970

Conversions

Conversions Part 2

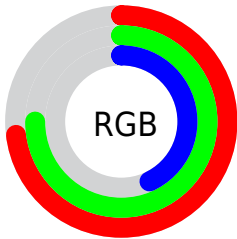
Format	Color
RYB	109, 192, 116
Decimal	12173421
CIELab	75.52, -14.83, 40.86
CIELCh	76, 43.466, 109.946
Yxy	49.1176, 0.3699, 0.4366
Android (android.graphics.Color)	4290363501 (0xFFB9C06D)
YUV	180.4450, -35.2224, 3.9947
Hunter-Lab	70.0839, -16.6530, 30.6448

Details

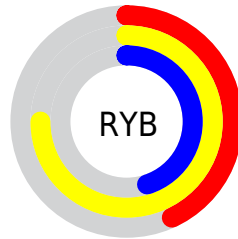
The YIQ color $180.4450, 22.4710, -27.2970$ is a light color, and the websafe version is hex $CCCC66$. A complement of this color would be $120.5550, -22.4710, 27.2970$, and the grayscale version is $181.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $236.4020, 24.0300, -28.0180$, and $127.1890, 20.3160, -26.7880$ is the 20% darker color. If you saturate the color by 10%, you get $177.6810, 27.3780, -33.6300$, and if you desaturate by 10%, it is $183.2090, 17.5640, -20.9640$.

Distribution



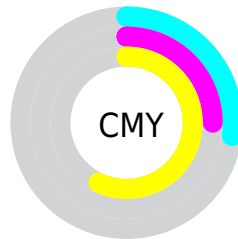
- Red (73%)
- Green (75%)
- Blue (43%)



- Red (43%)
- Yellow (75%)
- Blue (45%)



- Cyan (4%)
- Magenta (0%)
- Yellow (43%)
- Black (25%)



- Cyan (27%)
- Magenta (25%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 180.4450, 22.4710, -27.2970 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 180.4450, 22.4710, -27.2970 by changing the saturation by 10% instead.

■ 180.4450, 22.4710,
-27.2970

■ 180.4450, 22.4710,
-27.2970

■ 255.0000, -0.0000,
-0.0000

■ 153.3740, 21.2330,
-26.8870

■ 236.4020, 24.0300,
-28.0180

■ 127.1890, 20.3160,
-26.7880

■ 247.4760, 21.1860,
-20.5260

■ 101.3030, 19.9950,
-26.4770

■ 250.7820, 11.8770,
-11.5070

■ 76.2490, 20.0870,
-28.1450

■ 253.9740, 2.8890,
-2.7990

■ 54.3010, 14.3090,
-22.5470

■ 34.2110, 6.0550,
-16.1290

■ 14.0880, -6.6000,

-12.5520

■ 0.0000, 0.0000,
0.0000

■ 180.4450, 22.4710,
-27.2970

■ 180.4450, 22.4710,
-27.2970

■ 177.6810, 27.3780,
-33.6300

■ 183.2090, 17.5640,
-20.9640

■ 175.2160, 32.8810,
-39.7510

■ 185.6740, 12.0610,
-14.8430

■ 172.3380, 38.1090,
-46.3950

■ 188.5520, 6.8330,
-8.1990

■ 169.5740, 43.0160,
-52.7280

■ 191.0170, 1.3300,
-2.0780

■ 167.1090, 48.5190,
-58.8490

■ 193.7810, -3.5770,
4.2550

■ 165.3280, 52.0960,
-63.1040

■ 196.5450, -8.4840,
10.5880

■ 199.0100,
-13.9870, 16.7090

■ 200.9760,
-16.6470, 20.8650

■ 201.5740,
-15.4550, 21.2890

Harmonies

Analogous

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



184.2470, 49.9320, -12.8520



180.4450, 22.4710, -27.2970



174.7100, -15.1240, -34.2920

Triad

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



180.4450, 22.4710, -27.2970



147.2050, -134.7910, -29.6630



190.7310, 44.5590, 34.9830

Complementary

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



180.4450, 22.4710, -27.2970



120.5550, -22.4710, 27.2970

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.



191.2510, 10.8600, 34.4760



180.4450, 22.4710, -27.2970



172.5490, -76.2010, -1.1690

Square

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



180.4450, 22.4710, -27.2970



145.6770, -124.9770, -42.3290



186.1470, -30.3100, 20.6820



185.5840, 57.6740, 23.0660

Rectangle

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



180.4450, 22.4710, -27.2970



169.0300, -45.3840, -36.5520



186.1470, -30.3100, 20.6820



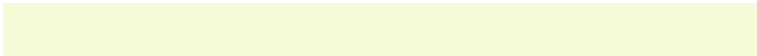
190.9950, 35.0680, 36.2840

Sweetspot

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



180.4450, 22.4710, -27.2970



245.3410, 8.8050, -10.8990



137.9260, 47.5430, 13.9350



122.1220, 5.2280, -6.6440



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



180.4450, 22.4710, -27.2970



231.8910, 35.1740, -42.7620



168.1860, -1.9650, -35.9890



95.5610, 2.6140, -3.3220



138.4600, 43.3370, -53.0390



28.3410, 8.8050, -10.8990

Inverse Universe

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



120.5550, -22.4710, 27.2970



138.1090, -35.1740, 42.7620



132.8140, 1.9650, 35.9890



88.4390, -2.6140, 3.3220



22.5400, -43.3370, 53.0390



4.6590, -8.8050, 10.8990

Previews

White Background



This preview shows how the YIQ color 180.4450, 22.4710, -27.2970 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 180.4450, 22.4710, -27.2970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

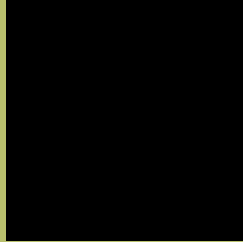
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 180.4450, 22.4710, -27.2970

Background



This preview shows how black text looks on a background with the YIQ color 180.4450, 22.4710, -27.2970.



This preview shows how white text looks on a background with the YIQ color 180.4450, 22.4710, -27.2970.

-27.2970.

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

180.4450, 22.4710, -27.2970

Protanopia

182.3760, 36.0870, -20.7530

Deuteranopia

183.9420, 49.4730, -10.0390



Tritanopia

187.4830, 3.2540, 7.1100

Trichromacy



Original Color

180.4450, 22.4710, -27.2970

Protanomaly

181.5710, 31.0440, -22.9720

Deuteranomaly

182.2780, 39.4790, -16.1450

Tritanomaly

184.9870, 10.0420, -5.7820

Monochromacy



Original Color

180.4450, 22.4710, -27.2970

Achromatopsia

180.0000, -0.0000, -0.0000

Achromatomaly

179.9820, 8.4380, -9.7540

CSS Examples

Text

The CSS property to change the color of the text to YIQ 180.4450, 22.4710, -27.2970 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(185, 192, 109)` looks like.

```
.text, #text, p{  
    color:rgb(185, 192, 109)  
}
```

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(185, 192, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 192, 109) }
```

Border

The CSS property to change the border of an element to YIQ 180.4450, 22.4710, -27.2970 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(185, 192, 109) }
```


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

```
.border{ border-color:rgb(185, 192, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 192, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 192, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 192, 109);  
box-shadow:4px 4px 4px 4px rgb(185, 192,  
109) }
```

Background

The CSS property to change the background color of an element to YIQ 180.4450, 22.4710, -27.2970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 192, 109) }
```

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

```
.background{ background-color: rgb(185,  
192, 109) }
```

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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