

Converting Colors

YIQ(180.0480, 8.0720, -14.1360)

Have a look what the booklet for
YIQ(180.0480, 8.0720, -14.1360)
contains.

YIQ(180.0480, 8.0720, -14.1360)	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(180.0480, 8.0720,
-14.1360)**

Conversions

Conversions Part 1

Format	Color
Hex	B3BB93
RGB	179, 187, 147
RGB Percent	70%, 73%, 58%
CMY	0.2981, 0.2666, 0.4235
CMYK	0.04, 0.00, 0.21, 0.27
HSL	72°, 23%, 65%
HSV	72°, 21%, 73%
XYZ	41.6266, 47.2315, 34.5330
YIQ	180.0480, 8.0720, -14.1360

Conversions

Conversions Part 2

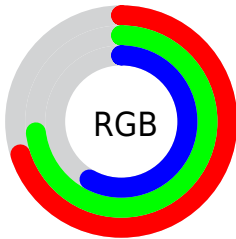
Format	Color
RYB	147, 187, 155
Decimal	11778963
CIELab	74.34, -9.68, 19.36
CIELCh	74, 21.648, 116.563
Yxy	47.2315, 0.3374, 0.3828
Android (android.graphics.Color)	4289969043 (0xFFB3BB93)
YUV	180.0480, -16.2927, -0.9191
Hunter-Lab	68.7252, -12.1523, 18.3156

Details

The YIQ color **180.0480, 8.0720, -14.1360** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **153.9520, -8.0720, 14.1360**, and the grayscale version is **180.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **235.8200, 8.7140, -14.7580**, and **127.2760, 7.4300, -13.5140** is the 20% darker color. If you saturate the color by 10%, you get **176.6860, 11.7870, -20.8930**, and if you desaturate by 10%, it is **183.4100, 4.3570, -7.3790**.

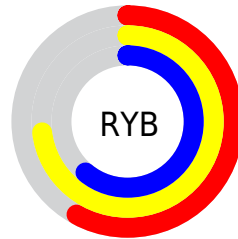
Distribution



Red (70%)

Green (73%)

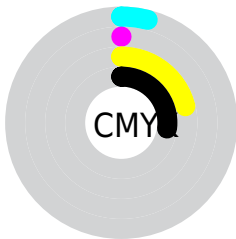
Blue (58%)



Red (58%)

Yellow (73%)

Blue (61%)

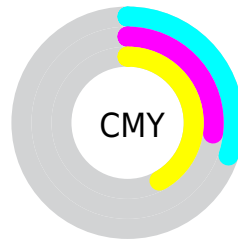


Cyan (4%)

Magenta (0%)

Yellow (21%)

Black (27%)



Cyan (30%)

Magenta (27%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 180.0480, 8.0720, -14.1360 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 180.0480, 8.0720, -14.1360 by changing the saturation by 10% instead.

■ 180.0480, 8.0720,
-14.1360

■ 180.0480, 8.0720,
-14.1360

255.0000, -0.0000,
-0.0000

■ 153.1620, 7.7510,
-13.8250

■ 235.8200, 8.7140,
-14.7580

■ 127.2760, 7.4300,
-13.5140

■ 252.0360, 8.3460,
-8.0860

■ 102.3900, 7.1090,
-13.2030

■ 77.6180, 6.4670,
-12.5810

■ 54.8460, 5.8250,
-11.9590

■ 32.8030, 7.3840,
-12.6800

■ 11.7400, -5.5000,

-10.4600

■ 0.0000, 0.0000,
0.0000

■ 180.0480, 8.0720,
-14.1360

■ 180.0480, 8.0720,
-14.1360

■ 176.6860, 11.7870,
-20.8930

■ 183.4100, 4.3570,
-7.3790

■ 173.4380, 15.1810,
-27.3390

■ 186.3590, 0.3670,
-1.1450

■ 170.3750, 19.4920,
-33.8840

■ 189.7210, -3.3480,
5.6120

■ 167.0130, 23.2070,
-40.6410

■ 193.0830, -7.0630,
12.3690

■ 163.7650, 26.6010,
-47.0870

■ 196.4450,
-10.7780, 19.1260

■ 160.4030, 30.3160,
-53.8440

■ 198.9380,
-13.4840, 24.1160

■ 157.3400, 34.6270,
-60.3890

■ 200.1340,
-11.1000, 24.9640

■ 154.6190, 37.9750,
-66.0010

■ 201.3300, -8.7160,
25.8120

■ 202.5260, -6.3320,
26.6600

Harmonies

Analogous

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



182.3490, 23.5220, -7.7900



180.0480, 8.0720, -14.1360



177.5880, -11.1840, -17.5840

Triad

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



180.0480, 8.0720, -14.1360



176.9920, -41.0800, -4.4080



186.4860, 25.5350, 16.3110

Complementary

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



180.0480, 8.0720, -14.1360



153.9520, -8.0720, 14.1360

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.



186.2270, 10.2670, 17.6830



180.0480, 8.0720, -14.1360



180.8460, -28.5650, 5.5710

Square

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



180.0480, 8.0720, -14.1360



174.9500, -41.2620, -12.1260



184.6420, -10.1350, 12.9770



185.6900, 33.4680, 10.2040

Rectangle

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



180.0480, 8.0720, -14.1360



176.3570, -23.6550, -17.3430



184.6420, -10.1350, 12.9770



186.6750, 20.6290, 17.1170

Sweetspot

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



180.0480, 8.0720, -14.1360



239.5070, 2.7060, -4.9900



163.6560, 21.6400, 4.2960



120.7890, 1.9720, -2.7000



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



180.0480, 8.0720, -14.1360



231.2300, 13.0710, -22.1370



174.0680, -3.8480, -18.3760



92.3760, 1.6970, -3.2230



130.4200, 31.6460, -55.9220



25.3730, 5.7790, -11.1250

Inverse Universe

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



153.9520, -8.0720, 14.1360



190.0690, -12.4750, 22.3490



159.9320, 3.8480, 18.3760



86.6240, -1.6970, 3.2230



27.5800, -31.6460, 55.9220



5.3280, -6.3750, 10.9130

Previews

White Background



This preview shows how the YIQ color 180.0480, 8.0720, -14.1360 looks on a white background.

Color Contrast Check

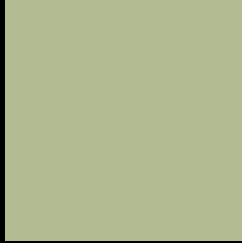
Large Text (above 18pt) WCAG AA × Fail

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 180.0480, 8.0720, -14.1360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

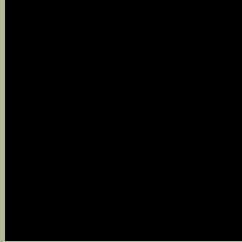
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

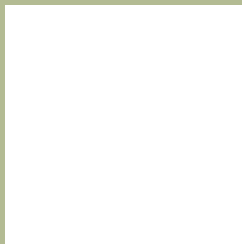
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 180.0480, 8.0720, -14.1360

Background



This preview shows how black text looks on a background with the YIQ color 180.0480, 8.0720, -14.1360.



This preview shows how white text looks on a background with the YIQ color 180.0480, 8.0720,

-14.1360.

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

180.0480, 8.0720, -14.1360

Protanopia

181.3700, 19.0290, -8.9630

Deuteranopia

183.6860, 30.1230, -0.7650



Tritanopia

184.0910, -1.5140, 5.4140

Trichromacy



Original Color

180.0480, 8.0720, -14.1360

Protanomaly

181.1630, 15.1780, -10.7580

Deuteranomaly

182.3320, 22.1920, -5.7120

Tritanomaly

182.4300, 1.6050, -1.5550

Monochromacy



Original Color

180.0480, 8.0720, -14.1360

Achromatopsia

180.0000, -0.0000, -0.0000

Achromatomaly

180.3930, 3.0270, -5.3010

CSS Examples

Text

The CSS property to change the color of the text to YIQ 180.0480, 8.0720, -14.1360 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(179, 187, 147)` looks like.

```
.text, #text, p{  
    color:rgb(179, 187, 147)  
}
```

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(179, 187, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 187, 147) }
```

Border

The CSS property to change the border of an element to YIQ 180.0480, 8.0720, -14.1360 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(179, 187, 147) }
```


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

```
.border{ border-color:rgb(179, 187, 147) }
```

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

Here you see how a box with a 4 pixel rgb(179, 187, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 187, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 187, 147);  
box-shadow:4px 4px 4px 4px rgb(179, 187,  
147) }
```

Background

The CSS property to change the background color of an element to YIQ 180.0480, 8.0720, -14.1360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 187, 147) }
```

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

```
.background{ background-color: rgb(179,  
187, 147) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor