Converting Colors

YIQ(180.1220, 23.5640, 13.4840)

Have a look what the booklet for YIQ(180.1220, 23.5640, 13.4840) contains.

YIQ(180.1220, 23.5640, 13.4840) 3
- ***Conversions*** 4
- ***Details*** 6
- ***Harmonies*** 12
- ***Previews*** 24
- ***Color Blindness Simulation*** 28
- ***CSS Examples*** 31

Color

YIQ(180.1220, 23.5640, 13.4840)

Conversions

Conversions Part 1

Format	Color
Hex	D3A5B1
RGB	211, 165, 177
RGB Percent	83%, 65%, 69%
CMY	0.1724, 0.3530, 0.3058
CMYK	0.00, 0.22, 0.16, 0.17
HSL	344°, 34%, 74%
HSV	344°, 22%, 83%
XYZ	48.2621, 43.9318, 47.5422
YIQ	180.1220, 23.5640, 13.4840

Conversions

Conversions Part 2

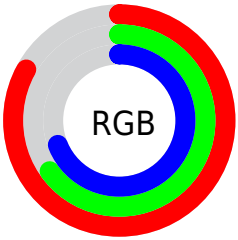
Format	Color
RYB	211, 165, 177
Decimal	13870513
CIELab	72.18, 18.80, 0.31
CIELCh	72, 18.800, 0.945
Yxy	43.9318, 0.3454, 0.3144
Android (android.graphics.Color)	4292060593 (0xFFD3A5B1)
YUV	180.1220, -1.5391, 27.0800
Hunter-Lab	66.2810, 13.9818, 3.8691

Details

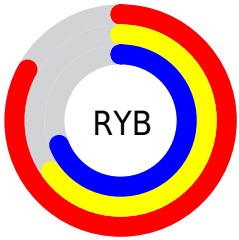
The YIQ color 180.1220, 23.5640, 13.4840 is a light color, and the websafe version is hex CC9999. A complement of this color would be 195.8780, -23.5640, -13.4840, and the grayscale version is 180.0000, -0.0000, -0.0000.

A 20% lighter version of the original color is 231.9470, 16.6870, 11.4630, and 127.2250, 21.7760, 12.8480 is the 20% darker color. If you saturate the color by 10%, you get 165.9710, 34.4750, 19.4910, and if you desaturate by 10%, it is 194.2730, 12.6530, 7.4770.

Distribution

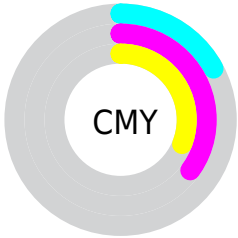


- Red (83%)
- Green (65%)
- Blue (69%)



- Red (83%)
- Yellow (65%)
- Blue (69%)

- Cyan (0%)
- Magenta (22%)
- Yellow (16%)
- Black (17%)



- Cyan (17%)
- Magenta (35%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 180.1220, 23.5640, 13.4840 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 180.1220, 23.5640, 13.4840 by changing the saturation by 10% instead.

180.1220, 23.5640, 13.4840

255.0000, -0.0000, -0.0000

231.9470, 16.6870, 11.4630

251.4780, 1.6500, 3.1380

180.1220, 23.5640, 13.4840

153.4100, 22.6930, 12.7490

127.2250, 21.7760, 12.8480

101.6270, 20.5840, 12.4240

77.3280, 19.9880, 12.2120

54.3170, 18.5210, 11.2650

31.8330, 17.0080, 11.1520

11.6760, 18.8880,

10.1200

0.0000, 0.0000, 0.0000

180.1220, 23.5640, 13.4840

180.1220, 23.5640, 13.4840

165.9710, 34.4750, 19.4910

194.2730, 12.6530, 7.4770

151.9340, 45.0650, 25.8090

208.3100, 2.0630, 1.1590

137.7830, 55.9760, 31.8160

222.4610, -8.8480, -4.8480

123.7460, 66.5660, 38.1340

236.4980, -19.4380, -11.1660

109.0080, 77.7520, 44.6640

241.8440, -26.2240, -9.3280

94.9710, 88.3420, 50.9820

80.8200, 99.2530, 56.9890

69.3590, 108.1010, 61.8370

Harmonies

Analogous

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

179.9450, 11.0010, 15.3930

180.1220, 23.5640, 13.4840

179.0700, 29.3420, 7.8860

Triad

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

180.1220, 23.5640, 13.4840

174.1340, 4.9540, -12.6940

172.4660, -33.6070, -2.1750

Complementary

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

180.1220, 23.5640, 13.4840

195.8780, -23.5640, -13.4840

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.

170.4670, -35.3480, -9.1720

180.1220, 23.5640, 13.4840

172.2830, -11.6430, -14.7710

Square

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

180.1220, 23.5640, 13.4840

176.4240, 18.9370, -7.2950

170.6110, -27.1860, -13.9220

175.7820, -22.5130, 6.0230

Rectangle

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

180.1220, 23.5640, 13.4840

178.6090, 29.0220, 2.6700

170.6110, -27.1860, -13.9220

172.1020, -35.5780, -5.0020

Sweetspot

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

180.1220, 23.5640, 13.4840

242.9520, 9.1230, 5.3710

180.4100, 5.4980, 21.5140

120.6310, 5.5930, 3.2650

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.

180.1220, 23.5640, 13.4840

210.6720, 33.8790, 19.2790

185.2110, 24.3910, 3.9990

97.6310, 5.5930, 3.2650

55.2480, 86.0040, 49.3000

13.5130, 20.9050, 12.1130

Inverse Universe

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

180.1220, 23.5640, 13.4840

210.6720, 33.8790, 19.2790

190.7890, -24.3910, -3.9990

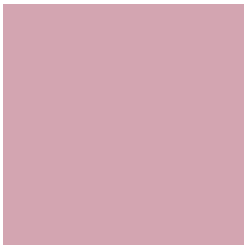
97.6310, 5.5930, 3.2650

55.2480, 86.0040, 49.3000

13.5130, 20.9050, 12.1130

Previews

White Background

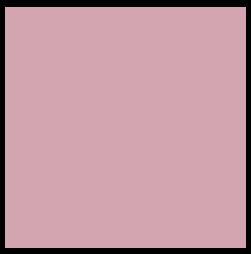


This preview shows how the YIQ color 180.1220, 23.5640, 13.4840 looks on a white background.

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



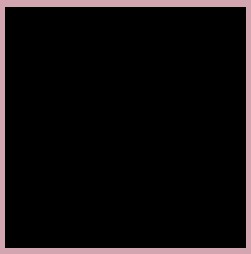
This preview shows how the YIQ color 180.1220, 23.5640, 13.4840 looks on a black background.

Color Contrast Check

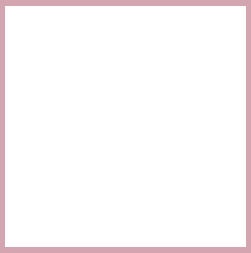
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

YIQ 180.1220, 23.5640, 13.4840 Background



This preview shows how black text looks on a background with the YIQ color 180.1220, 23.5640, 13.4840.



This preview shows how white text looks on a background with the YIQ color 180.1220, 23.5640,

13.4840.

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

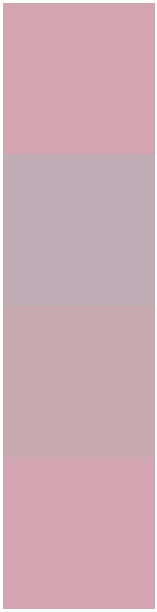
Original Color
180.1220, 23.5640, 13.4840

Protanopia
177.8090, -0.7800, 3.1240

Deuteranopia
179.3330, 12.4240, 6.1200

Tritanopia
180.2360, 23.2430, 13.7950

Trichromacy



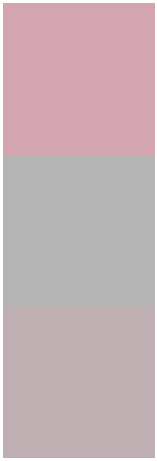
Original Color
180.1220, 23.5640, 13.4840

Protanomaly
178.7070, 8.4350, 6.8270

Deuteranomaly
179.3660, 16.8250, 8.9610

Tritanomaly
180.2360, 23.2430, 13.7950

Monochromacy



Original Color
180.1220, 23.5640, 13.4840

Achromatopsia
180.0000, -0.0000, -0.0000

Achromatomaly
180.2400, 8.2520, 4.6360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 180.1220, 23.5640, 13.4840 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(211, 165, 177) looks like.

```
.text, #text, p{
    color:rgb(211, 165, 177)
}
```

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(211, 165, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 165, 177) }
```

Border

The CSS property to change the border of an element to YIQ 180.1220, 23.5640, 13.4840 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(211, 165, 177) }
```

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

```
.border{ border-color:rgb(211, 165, 177) }
```

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

Here you see how a box with a 4 pixel rgb(211, 165, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(211, 165, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(211, 165, 177); box-shadow:4px 4px 4px 4px rgb(211, 165, 177) }
```

Background

The CSS property to change the background color of an element to YIQ 180.1220, 23.5640, 13.4840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(211, 165, 177) }
```

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

```
.background{ background-color:rgb(211,
165, 177) }
```

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