

Converting Colors

YIQ(140.7510, -2.8920, 19.3800)

Have a look what the booklet for
YIQ(140.7510, -2.8920, 19.3800)
contains.

YIQ(140.7510, -2.8920, 19.3800)	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(140.7510, -2.8920,
19.3800)**

Conversions

Conversions Part 1

Format	Color
Hex	9681B1
RGB	150, 129, 177
RGB Percent	59%, 51%, 69%
CMY	0.4117, 0.4941, 0.3059
CMYK	0.15, 0.27, 0.00, 0.31
HSL	266°, 24%, 60%
HSV	266°, 27%, 69%
XYZ	28.3651, 25.3580, 44.9881
YIQ	140.7510, -2.8920, 19.3800

Conversions

Conversions Part 2

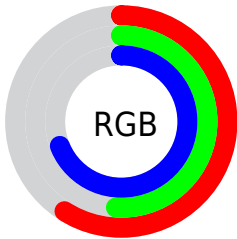
Format	Color
RYB	150, 129, 177
Decimal	9863601
CIELab	57.42, 17.66, -22.37
CIELCh	57, 28.499, 308.281
Yxy	25.3580, 0.2874, 0.2569
Android (android.graphics.Color)	4288053681 (0xFF9681B1)
YUV	140.7510, 17.8708, 8.1114
Hunter-Lab	50.3567, 12.4218, -17.7192

Details

The YIQ color $140.7510, -2.8920, 19.3800$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $165.2490, 2.8920, -19.3800$, and the grayscale version is $141.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $194.6910, -2.6630, 20.7370$, and $90.6970, -2.8000, 17.7120$ is the 20% darker color. If you saturate the color by 10%, you get $127.1950, -3.9020, 26.6740$, and if you desaturate by 10%, it is $154.3070, -1.8820, 12.0860$.

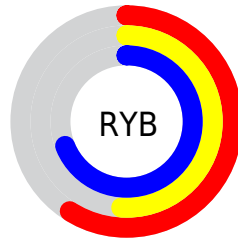
Distribution



Red (59%)

Green (51%)

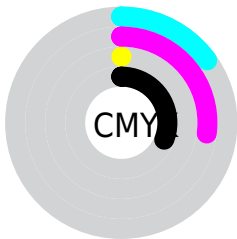
Blue (69%)



Red (59%)

Yellow (51%)

Blue (69%)

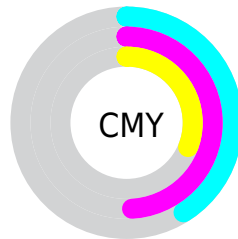


Cyan (15%)

Magenta (27%)

Yellow (0%)

Black (31%)



Cyan (41%)

Magenta (49%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 140.7510, -2.8920, 19.3800 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 140.7510, -2.8920, 19.3800 by changing the saturation by 10% instead.

■ 140.7510, -2.8920,
19.3800

■ 140.7510, -2.8920,
19.3800

■ 255.0000, -0.0000,
-0.0000

■ 115.2240, -2.8460,
18.5460

■ 194.6910, -2.6630,
20.7370

■ 90.6970, -2.8000,
17.7120

■ 222.0070, -0.7370,
18.8710

■ 66.8710, -3.3500,
16.6660

■ 245.0210, 4.6750,
8.8910

■ 44.3440, -3.3040,
15.8320

■ 22.5180, -3.8540,
14.7860

■ 3.5340, -9.9510,
9.6410

■ 0.2280, -0.6420,

0.6220

0.0000, 0.0000,
0.0000

140.7510, -2.8920,
19.3800

140.7510, -2.8920,
19.3800

127.1950, -3.9020,
26.6740

154.3070, -1.8820,
12.0860

114.2260, -5.1870,
33.4450

167.2760, -0.5970,
5.3150

100.6700, -6.1970,
40.7390

180.8320, 0.4130,
-1.9790

87.1140, -7.2070,
48.0330

194.3880, 1.4230,
-9.2730

74.1450, -8.4920,
54.8040

207.3570, 2.7080,
-16.0440

60.5890, -9.5020,
62.0980

220.9130, 3.7180,
-23.3380

47.0330, -10.5120,
69.3920

234.4690, 4.7280,
-30.6320

43.5000, -10.3290,
71.5830

238.6330, 10.1380,
-29.5580

241.6230, 16.0980,
-27.4380

Harmonies

Analogous

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



136.7090, -29.4370, 10.3630



140.7510, -2.8920, 19.3800



141.8370, 20.3530, 22.1210

Triad

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



140.7510, -2.8920, 19.3800



137.6280, 36.0380, -3.3380



124.4770, -50.4760, -21.3560

Complementary

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



140.7510, -2.8920, 19.3800



165.2490, 2.8920, -19.3800

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.



128.8250, -25.2130, -22.1490



140.7510, -2.8920, 19.3800



135.8770, 21.7350, -13.9530

Square

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



140.7510, -2.8920, 19.3800



138.9420, 41.4460, 8.7900



133.0530, 0.5080, -20.2280



122.4510, -64.7820, -15.3900

Rectangle

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



140.7510, -2.8920, 19.3800



140.8290, 31.9990, 20.3110



133.0530, 0.5080, -20.2280



125.3700, -42.8650, -21.6250

Sweetspot

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



140.7510, -2.8920, 19.3800



215.5580, -1.3310, 7.6050



150.3210, -22.8330, 0.8070



105.8630, -0.8720, 4.7920



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



140.7510, -2.8920, 19.3800



172.5310, -4.7280, 30.6320



147.9270, 11.4120, 24.4680



82.2220, -0.5050, 3.6470



37.4750, -9.1810, 61.7870



6.2530, -1.7900, 10.4180

Inverse Universe

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



146.4300, 19.9410, 18.5730



181.5120, 31.8140, 29.1740



158.0730, -11.4120, -24.4680



83.2610, 3.7590, 3.4630



55.5510, 63.5820, 59.1820



9.3700, 11.0020, 9.8660

Previews

White Background



This preview shows how the YIQ color 140.7510, -2.8920, 19.3800 looks on a white background.

Color Contrast Check

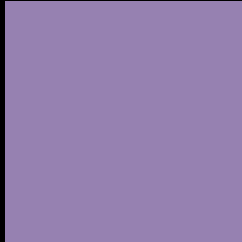
Large Text (above 18pt) WCAG AA ✓ Pass

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 140.7510, -2.8920, 19.3800 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 × Fail

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

YIQ 140.7510, -2.8920, 19.3800

Background



This preview shows how black text looks on a background with the YIQ color 140.7510, -2.8920, 19.3800.



This preview shows how white text looks on a background with the YIQ color 140.7510, -2.8920,

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

140.7510, -2.8920, 19.3800

Protanopia

137.9550, -21.3220, 11.9740

Deuteranopia

138.7770, -14.9490, 12.1150



Tritanopia

139.2440, 2.4290, 5.5410

Trichromacy



Original Color

140.7510, -2.8920, 19.3800

Protanomaly

138.6570, -14.4910, 14.8290

Deuteranomaly

139.6960, -10.2270, 14.6450

Tritanomaly

139.9220, 0.6400, 10.4320

Monochromacy



Original Color

140.7510, -2.8920, 19.3800

Achromatopsia

141.0000, -0.0000, -0.0000

Achromatomaly

141.0310, -1.2850, 6.7710

CSS Examples

Text

The CSS property to change the color of the text to YIQ 140.7510, -2.8920, 19.3800 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(150, 129, 177)` looks like.

```
.text, #text, p{  
    color:rgb(150, 129, 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(150, 129, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 129, 177) }
```

Border

The CSS property to change the border of an element to YIQ 140.7510, -2.8920, 19.3800 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(150, 129, 177) }
```


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

```
.border{ border-color:rgb(150, 129, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 129, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 129, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 129, 177);  
box-shadow:4px 4px 4px 4px rgb(150, 129,  
177) }
```

Background

The CSS property to change the background color of an element to YIQ 140.7510, -2.8920, 19.3800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 129, 177) }
```

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

```
.background{ background-color: rgb(150,  
129, 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