

Converting Colors

YIQ(140.4920, -8.9920, 30.8160)

Have a look what the booklet for
YIQ(140.4920, -8.9920, 30.8160)
contains.

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Color

**YIQ(140.4920, -8.9920,
30.8160)**

Conversions

Conversions Part 1

Format	Color
Hex	977BCB
RGB	151, 123, 203
RGB Percent	59%, 48%, 80%
CMY	0.4077, 0.5177, 0.2040
CMYK	0.26, 0.39, 0.00, 0.20
HSL	261°, 43%, 64%
HSV	261°, 39%, 80%
XYZ	30.6261, 25.0558, 59.7064
YIQ	140.4920, -8.9920, 30.8160

Conversions

Conversions Part 2

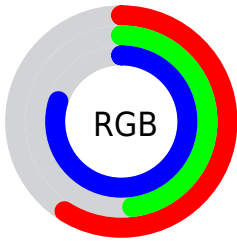
Format	Color
R_{YB}	151, 123, 203
Decimal	9927627
CIE _{Lab}	57.13, 27.57, -37.61
CIE _{LCh}	57, 46.637, 306.240
Yxy	25.0558, 0.2654, 0.2171
Android (android.graphics.Color)	4288117707 (0xFF977BCB)
YUV	140.4920, 30.8164, 9.2155
Hunter-Lab	50.0558, 21.6156, -35.6820

Details

The YIQ color $140.4920, -8.9920, 30.8160$ is a light color, and the websafe version is hex $9966CC$. A complement of this color would be $185.5080, 8.9920, -30.8160$, and the grayscale version is $140.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $194.2750, -6.8830, 31.1410$, and $89.6120, -9.4500, 28.1020$ is the 20% darker color. If you saturate the color by 10%, you get $124.8650, -11.2400, 38.5200$, and if you desaturate by 10%, it is $156.1190, -6.7440, 23.1120$.

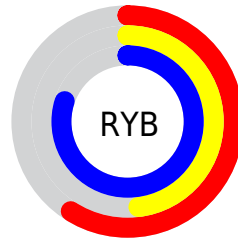
Distribution



Red (59%)

Green (48%)

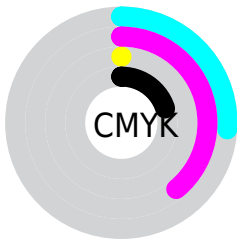
Blue (80%)



Red (59%)

Yellow (48%)

Blue (80%)

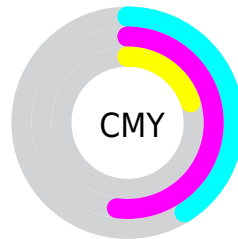


Cyan (26%)

Magenta (39%)

Yellow (0%)

Black (20%)



Cyan (41%)

Magenta (52%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 140.4920, -8.9920, 30.8160 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 140.4920, -8.9920, 30.8160 by changing the saturation by 10% instead.

140.4920, -8.9920,
30.8160

140.4920, -8.9920,
30.8160

255.0000, -0.0000,
-0.0000

114.5520, -9.2210,
29.4590

194.2750, -6.8830,
31.1410

89.6120, -9.4500,
28.1020

218.4960, 2.3800,
22.9560

65.3730, -10.2750,
26.5330

241.4990, 6.3250,
12.0290

42.1340, -11.1000,
24.9640

18.4110, -13.4380,
23.2820

5.7000, -16.0500,
15.5500

3.7790, -9.2630,

8.1850

■ 0.0000, 0.0000,
0.0000

■ 140.4920, -8.9920,
30.8160

■ 140.4920, -8.9920,
30.8160

■ 124.8650,
-11.2400, 38.5200

■ 156.1190, -6.7440,
23.1120

■ 108.6510,
-13.2130, 46.7470

■ 172.3330, -4.7710,
14.8850

■ 92.7250, -16.0570,
54.2390

■ 188.2590, -1.9270,
7.3930

■ 77.0980, -18.3050,
61.9430

■ 203.8860, 0.3210,
-0.3110

■ 61.4710, -20.5530,
69.6470

■ 219.5130, 2.5690,
-8.0150

■ 45.2570, -22.5260,
77.8740

■ 235.7270, 4.5420,
-16.2420

■ 44.3710, -22.8470,
78.1850

■ 245.4840, 9.5400,
-18.7160

■ 249.0720, 16.6920,
-16.1720

Harmonies

Analogous

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



129.7670, -61.7150, 11.6370



140.4920, -8.9920, 30.8160



140.8960, 31.0330, 37.8250

Triad

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



140.4920, -8.9920, 30.8160



134.8830, 57.1290, -5.6150



109.2760, -89.9950, -37.5390

Complementary

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



140.4920, -8.9920, 30.8160



185.5080, 8.9920, -30.8160

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.



117.0790, -47.0800, -38.8560



140.4920, -8.9920, 30.8160



132.3820, 35.9500, -23.7780

Square

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



140.4920, -8.9920, 30.8160



136.5490, 64.7820, 15.3900



127.8060, 2.1610, -33.6710



112.5480, -101.9640, -24.3640

Rectangle

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



140.4920, -8.9920, 30.8160



138.7810, 50.2900, 35.7460



127.8060, 2.1610, -33.6710



106.9790, -84.9050, -41.6810

Sweetspot

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



140.4920, -8.9920, 30.8160



230.8230, -3.3950, 11.9730



162.6440, -39.9800, -2.3160



113.8460, -2.2020, 6.8700



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.



140.4920, -8.9920, 30.8160



161.2380, -13.4880, 46.2240



152.4520, 14.8480, 39.2960



94.0370, -1.4220, 3.7460



36.2660, -18.7180, 63.9220



8.2190, -4.4500, 14.5740

Inverse Universe

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



152.8480, 30.9880, 33.1320



179.7720, 46.4820, 49.6980



173.5480, -14.8480, -39.2960



95.6740, 4.0340, 3.9860



61.9460, 64.2680, 68.7800



14.2120, 14.6230, 15.8310

Previews

White Background



This preview shows how the YIQ color 140.4920, -8.9920, 30.8160 looks on a white background.

Color Contrast Check

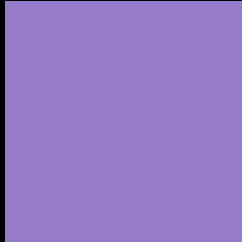
Large Text (above 18pt) WCAG AA ✓ Pass

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 140.4920, -8.9920, 30.8160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

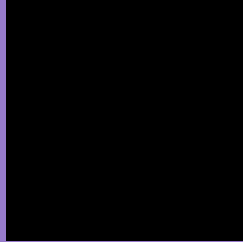
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 140.4920, -8.9920, 30.8160

Background



This preview shows how black text looks on a background with the YIQ color 140.4920, -8.9920, 30.8160.



This preview shows how white text looks on a background with the YIQ color 140.4920, -8.9920,

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

140.4920, -8.9920, 30.8160

Protanopia

136.1180, -40.5340, 18.7460

Deuteranopia

135.8210, -35.4440, 14.6040



Tritanopia

137.7490, -0.5510, 4.4810

Trichromacy



Original Color

140.4920, -8.9920, 30.8160

Protanomaly

137.7990, -29.2100, 22.7740

Deuteranomaly

137.4850, -25.4500, 20.7100

Tritanomaly

138.9910, -3.8080, 13.9520

Monochromacy



Original Color

140.4920, -8.9920, 30.8160

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

140.2960, -3.3490, 11.1390

CSS Examples

Text

The CSS property to change the color of the text to YIQ 140.4920, -8.9920, 30.8160 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(151, 123, 203)` looks like.

```
.text, #text, p{  
    color:rgb(151, 123, 203)  
}
```

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(151, 123, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 123, 203) }
```

Border

The CSS property to change the border of an element to YIQ 140.4920, -8.9920, 30.8160 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(151, 123, 203) }
```


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

```
.border{ border-color:rgb(151, 123, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 123, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 123, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 123, 203);  
box-shadow:4px 4px 4px 4px rgb(151, 123,  
203) }
```

Background

The CSS property to change the background color of an element to YIQ 140.4920, -8.9920, 30.8160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 123, 203) }
```

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

```
.background{ background-color: rgb(151,  
123, 203) }
```

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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