

Converting Colors

YIQ(165.9920, 20.8140, 8.2540)

Have a look what the booklet for
YIQ(165.9920, 20.8140, 8.2540)
contains.

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Color

**YIQ(165.9920, 20.8140,
8.2540)**

Conversions

Conversions Part 1

Format	Color
Hex	BF9B9D
RGB	191, 155, 157
RGB Percent	75%, 61%, 62%
CMY	0.2509, 0.3922, 0.3842
CMYK	0.00, 0.19, 0.18, 0.25
HSL	357°, 22%, 68%
HSV	357°, 19%, 75%
XYZ	39.2978, 36.9519, 36.9688
YIQ	165.9920, 20.8140, 8.2540

Conversions

Conversions Part 2

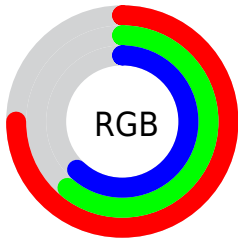
Format	Color
RYB	191, 155, 157
Decimal	12557213
CIELab	67.24, 13.69, 3.99
CIElCh	67, 14.262, 16.258
Yxy	36.9519, 0.3471, 0.3264
Android (android.graphics.Color)	4290747293 (0xFFBF9B9D)
YUV	165.9920, -4.4331, 21.9320
Hunter-Lab	60.7881, 9.0162, 6.4940

Details

The YIQ color **165.9920, 20.8140, 8.2540** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **180.0080, -20.8140, -8.2540**, and the grayscale version is **166.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **221.5900, 22.0060, 8.6780**, and **114.0950, 19.0260, 7.6180** is the 20% darker color. If you saturate the color by 10%, you get **152.7870, 31.8170, 12.5930**, and if you desaturate by 10%, it is **179.1970, 9.8110, 3.9150**.

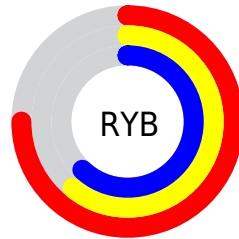
Distribution



Red (75%)

Green (61%)

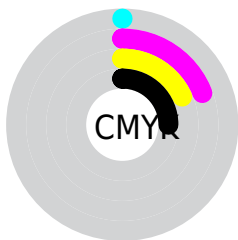
Blue (62%)



Red (75%)

Yellow (61%)

Blue (62%)

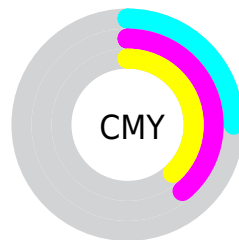


Cyan (0%)

Magenta (19%)

Yellow (18%)

Black (25%)



Cyan (25%)

Magenta (39%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 165.9920, 20.8140, 8.2540 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 165.9920, 20.8140, 8.2540 by changing the saturation by 10% instead.

■ 165.9920, 20.8140,
8.2540

■ 165.9920, 20.8140,
8.2540

255.0000, -0.0000,
-0.0000

■ 139.6930, 20.2180,
8.0420

■ 221.5900, 22.0060,
8.6780

■ 114.0950, 19.0260,
7.6180

■ 243.3110, 9.4900,
4.2260

■ 89.4970, 17.8340,
7.1940

■ 65.3120, 16.9170,
7.2930

■ 43.3010, 15.4500,
6.3460

■ 22.0020, 14.8540,
6.1340

■ 1.4950, 2.9800,

1.0600

0.0000, 0.0000,
0.0000

165.9920, 20.8140,
8.2540

165.9920, 20.8140,
8.2540

152.7870, 31.8170,
12.5930

179.1970, 9.8110,
3.9150

139.5820, 42.8200,
16.9320

192.4020, -1.1920,
-0.4240

126.3770, 53.8230,
21.2710

205.6070,
-12.1950, -4.7630

113.1720, 64.8260,
25.6100

218.8120,
-23.1980, -9.1020

99.3800, 76.1040,
30.4720

232.6040,
-34.4760, -13.9640

■ 86.1750, 87.1070,
34.8110

■ 235.8640,
-38.1440, -13.5680

■ 72.9700, 98.1100,
39.1500

■ 59.7650, 109.1130,
43.4890

■ 58.3630, 110.3050,
43.9130

Harmonies

Analogous

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



165.9790, 13.6610, 11.2370



165.9920, 20.8140, 8.2540



165.3140, 22.6030, 3.3630

Triad

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



165.9920, 20.8140, 8.2540



161.2950, -2.7490, -10.7570



162.2180, -21.0450, 1.4430

Complementary

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



165.9920, 20.8140, 8.2540



180.0080, -20.8140, -8.2540

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.



160.0060, -26.5000, -4.3240



165.9920, 20.8140, 8.2540



159.8360, -14.5780, -11.1380

Square

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



165.9920, 20.8140, 8.2540



162.6340, 9.5380, -7.6620



158.9260, -23.5190, -8.7910



164.0670, -10.1340, 7.4500

Rectangle

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



165.9920, 20.8140, 8.2540



164.1240, 20.0820, -0.5100



158.9260, -23.5190, -8.7910



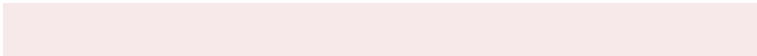
161.1960, -23.9790, -0.4510

Sweetspot

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



165.9920, 20.8140, 8.2540



237.1860, 8.3440, 2.9680



169.2700, 8.7080, 18.4040



118.8050, 5.0430, 2.2190



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.



165.9920, 20.8140, 8.2540



207.4990, 32.6880, 13.3280



175.1560, 17.0560, -0.7360



87.6910, 5.3640, 1.9080



48.2680, 91.2790, 36.2950



9.4970, 17.8340, 7.1940

Inverse Universe

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



165.9920, 20.8140, 8.2540



207.4990, 32.6880, 13.3280



170.8440, -17.0560, 0.7360



87.6910, 5.3640, 1.9080



48.2680, 91.2790, 36.2950



9.4970, 17.8340, 7.1940

Previews

White Background



This preview shows how the YIQ color 165.9920, 20.8140, 8.2540 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 165.9920, 20.8140, 8.2540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

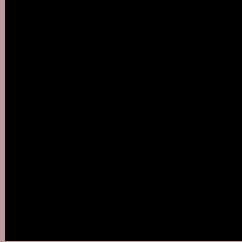
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 165.9920, 20.8140, 8.2540

Background



This preview shows how black text looks on a background with the YIQ color 165.9920, 20.8140, 8.2540.



This preview shows how white text looks on a background with the YIQ color 165.9920, 20.8140,

8.2540.

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

165.9920, 20.8140, 8.2540

Protanopia

164.0820, 2.7050, 0.5370

Deuteranopia

165.2470, 15.5420, 4.6780



Tritanopia

166.7300, 18.7960, 11.7880

Trichromacy



Original Color

165.9920, 20.8140, 8.2540

Protanomaly

164.7840, 9.5360, 3.3920

Deuteranomaly

165.5570, 17.6050, 5.8370

Tritanomaly

166.3880, 19.7590, 10.8550

Monochromacy



Original Color

165.9920, 20.8140, 8.2540

Achromatopsia

166.0000, -0.0000, 0.0000

Achromatomaly

166.0010, 7.4270, 3.0670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 165.9920, 20.8140, 8.2540 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(191, 155, 157)` looks like.

```
.text, #text, p{  
    color:rgb(191, 155, 157)  
}
```

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(191, 155, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 155, 157) }
```

Border

The CSS property to change the border of an element to YIQ 165.9920, 20.8140, 8.2540 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(191, 155, 157) }
```


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

```
.border{ border-color:rgb(191, 155, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 155, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 155, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 155, 157);  
box-shadow:4px 4px 4px 4px rgb(191, 155,  
157) }
```

Background

The CSS property to change the background color of an element to YIQ 165.9920, 20.8140, 8.2540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 155, 157) }
```

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

```
.background{ background-color: rgb(191,  
155, 157) }
```

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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