

Converting Colors

YIQ(169.9920, 20.8140, 8.2540)

Have a look what the booklet for
YIQ(169.9920, 20.8140, 8.2540)
contains.

YIQ(169.9920, 20.8140, 8.2540)	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(169.9920, 20.8140,
8.2540)**

Conversions

Conversions Part 1

Format	Color
Hex	C39FA1
RGB	195, 159, 161
RGB Percent	76%, 62%, 63%
CMY	0.2352, 0.3765, 0.3685
CMYK	0.00, 0.18, 0.17, 0.24
HSL	357°, 23%, 69%
HSV	357°, 18%, 76%
XYZ	41.3418, 38.9701, 39.0708
YIQ	169.9920, 20.8140, 8.2540

Conversions

Conversions Part 2

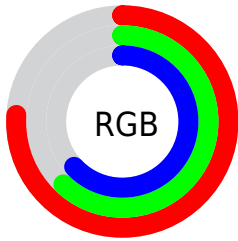
Format	Color
R_{YB}	195, 159, 161
Decimal	12820385
CIE _{Lab}	68.73, 13.62, 3.96
CIE _{LCh}	69, 14.189, 16.221
Yxy	38.9701, 0.3463, 0.3264
Android (android.graphics.Color)	4291010465 (0xFFC39FA1)
YUV	169.9920, -4.4331, 21.9320
Hunter-Lab	62.4260, 8.9666, 6.5902

Details

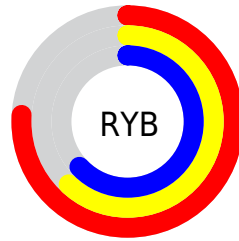
The YIQ color **169.9920, 20.8140, 8.2540** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **184.0080, -20.8140, -8.2540**, and the grayscale version is **170.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **225.5900, 22.0060, 8.6780**, and **117.5080, 19.3010, 8.1410** is the 20% darker color. If you saturate the color by 10%, you get **156.2000, 32.0920, 13.1160**, and if you desaturate by 10%, it is **183.1970, 9.8110, 3.9150**.

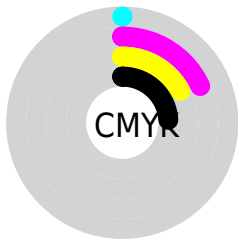
Distribution



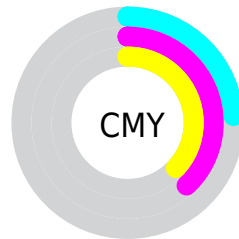
- Red (76%)
- Green (62%)
- Blue (63%)



- Red (76%)
- Yellow (62%)
- Blue (63%)



- Cyan (0%)
- Magenta (18%)
- Yellow (17%)
- Black (24%)





- Cyan (24%)
- Magenta (38%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 169.9920, 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 169.9920, 20.8140, 8.2540 by changing the saturation by 10% instead.


 169.9920, 20.8140,
8.2540


 169.9920, 20.8140,
8.2540


255.0000, -0.0000,
-0.0000


 143.6930, 20.2180,
8.0420


 225.5900, 22.0060,
8.6780


 117.5080, 19.3010,
8.1410

 246.1150, 7.1060,
3.3780

 92.7960, 18.4300,
7.4060

 69.1980, 17.2380,
6.9820

 46.6000, 16.0460,
6.5580

 25.1160, 14.5330,
6.4450

 5.6810, 11.3240,

4.0280

0.0000, 0.0000,
0.0000

169.9920, 20.8140,
8.2540

169.9920, 20.8140,
8.2540

156.2000, 32.0920,
13.1160

183.1970, 9.8110,
3.9150

142.8810, 43.4160,
17.1440

197.1030, -1.7880,
-0.6360

129.0890, 54.6940,
22.0060

210.3080,
-12.7910, -4.9750

115.7700, 66.0180,
26.0340

224.2140,
-24.3900, -9.5260

101.9780, 77.2960,
30.8960

236.8320,
-35.1180, -13.3420

■ 88.7730, 88.2990,
35.2350

■ 237.0600,
-35.7600, -12.7200

■ 74.8670, 99.8980,
39.7860

■ 61.6620, 110.9010,
44.1250

■ 59.5590, 112.6890,
44.7610

Harmonies

Analogous

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



169.9790, 13.6610, 11.2370



169.9920, 20.8140, 8.2540



169.3140, 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.



169.9920, 20.8140, 8.2540



165.2950, -2.7490, -10.7570



166.2180, -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.



169.9920, 20.8140, 8.2540



184.0080, -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.



164.0060, -26.5000, -4.3240



169.9920, 20.8140, 8.2540



163.8360, -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.



169.9920, 20.8140, 8.2540



166.6340, 9.5380, -7.6620



162.9260, -23.5190, -8.7910



168.0670, -10.1340, 7.4500

Rectangle

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



169.9920, 20.8140, 8.2540



168.1240, 20.0820, -0.5100



162.9260, -23.5190, -8.7910



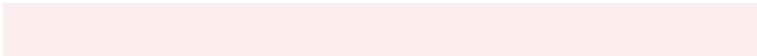
165.4950, -23.3830, -0.2390

Sweetspot

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



169.9920, 20.8140, 8.2540



241.5990, 8.6190, 3.4910



173.2700, 8.7080, 18.4040



121.6910, 5.3640, 1.9080



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.



169.9920, 20.8140, 8.2540



213.7870, 31.8170, 12.5930



179.1560, 17.0560, -0.7360



90.1040, 5.6390, 2.4310



49.1650, 93.0670, 36.9310



10.0950, 19.0260, 7.6180

Inverse Universe

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



169.9920, 20.8140, 8.2540



213.7870, 31.8170, 12.5930



174.8440, -17.0560, 0.7360



90.1040, 5.6390, 2.4310



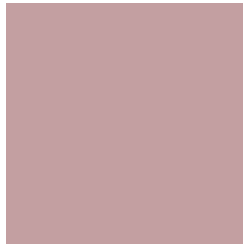
49.1650, 93.0670, 36.9310



10.0950, 19.0260, 7.6180

Previews

White Background



This preview shows how the YIQ color 169.9920, 20.8140, 8.2540 looks on a white background.

Color Contrast Check

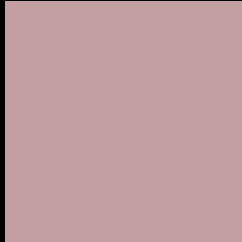
Large Text (above 18pt) WCAG AA × Fail

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 169.9920, 20.8140, 8.2540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

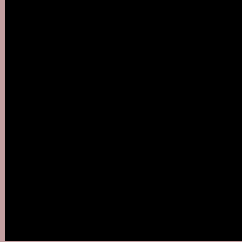
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 169.9920, 20.8140, 8.2540

Background



This preview shows how black text looks on a background with the YIQ color 169.9920, 20.8140, 8.2540.



This preview shows how white text looks on a background with the YIQ color 169.9920, 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

169.9920, 20.8140, 8.2540

Protanopia

168.0820, 2.7050, 0.5370

Deuteranopia

169.2470, 15.5420, 4.6780



Tritanopia

170.7300, 18.7960, 11.7880

Trichromacy



Original Color

169.9920, 20.8140, 8.2540

Protanomaly

168.7840, 9.5360, 3.3920

Deuteranomaly

169.5570, 17.6050, 5.8370

Tritanomaly

170.3880, 19.7590, 10.8550

Monochromacy



Original Color

169.9920, 20.8140, 8.2540

Achromatopsia

170.0000, -0.0000, 0.0000

Achromatomaly

170.0010, 7.4270, 3.0670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 169.9920, 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(195, 159, 161)` looks like.

```
.text, #text, p{  
    color:rgb(195, 159, 161)  
}
```

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(195, 159, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 159, 161) }
```

Border

The CSS property to change the border of an element to YIQ 169.9920, 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(195, 159, 161) }
```


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

```
.border{ border-color:rgb(195, 159, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 159, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 159, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 159, 161);  
box-shadow:4px 4px 4px 4px rgb(195, 159,  
161) }
```

Background

The CSS property to change the background color of an element to YIQ 169.9920, 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(195, 159, 161) }
```

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

```
.background{ background-color: rgb(195,  
159, 161) }
```

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