

Converting Colors

YIQ(168.2020, 11.4150, 7.8870)

Have a look what the booklet for
YIQ(168.2020, 11.4150, 7.8870)
contains.

YIQ(168.2020, 11.4150, 7.8870)	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(168.2020, 11.4150,
7.8870)**

Conversions

Conversions Part 1

Format	Color
Hex	B8A0A9
RGB	184, 160, 169
RGB Percent	72%, 63%, 66%
CMY	0.2784, 0.3726, 0.3372
CMYK	0.00, 0.13, 0.08, 0.28
HSL	337°, 14%, 67%
HSV	337°, 13%, 72%
XYZ	39.5024, 38.1954, 42.8314
YIQ	168.2020, 11.4150, 7.8870

Conversions

Conversions Part 2

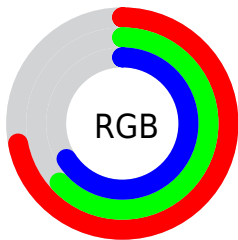
Format	Color
RYB	184, 160, 169
Decimal	12099753
CIELab	68.16, 10.36, -1.43
CIELCh	68, 10.455, 352.130
Yxy	38.1954, 0.3277, 0.3169
Android (android.graphics.Color)	4290289833 (0xFFB8A0A9)
YUV	168.2020, 0.3934, 13.8548
Hunter-Lab	61.8024, 5.9381, 2.1715

Details

The YIQ color **168.2020, 11.4150, 7.8870** is a light color, and the websafe version is hex **999999**. A complement of this color would be **175.7980, -11.4150, -7.8870**, and the grayscale version is **168.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **223.5010, 12.0110, 8.0990**, and **115.9030, 10.8190, 7.6750** is the 20% darker color. If you saturate the color by 10%, you get **156.3820, 19.8960, 13.8800**, and if you desaturate by 10%, it is **180.1360, 2.6130, 2.2050**.

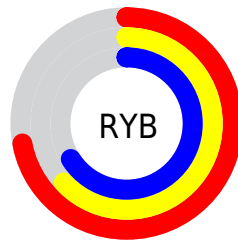
Distribution



Red (72%)

Green (63%)

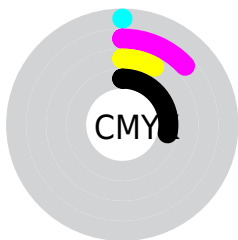
Blue (66%)



Red (72%)

Yellow (63%)

Blue (66%)

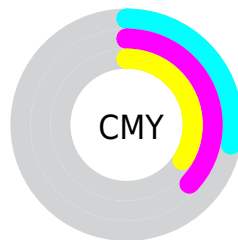


Cyan (0%)

Magenta (13%)

Yellow (8%)

Black (28%)



Cyan (28%)

Magenta (37%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 168.2020, 11.4150, 7.8870 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 168.2020, 11.4150, 7.8870 by changing the saturation by 10% instead.

■ 168.2020, 11.4150,
7.8870

■ 168.2020, 11.4150,
7.8870

255.0000, -0.0000,
-0.0000

■ 141.9030, 10.8190,
7.6750

■ 223.5010, 12.0110,
8.0990

■ 115.9030, 10.8190,
7.6750

■ 247.7280, 3.9420,
5.6540

■ 91.4900, 10.5440,
7.1520

■ 67.8920, 9.3520,
6.7280

■ 45.5930, 8.7560,
6.5160

■ 24.8810, 7.8850,
5.7810

■ 1.7940, 3.5760,

1.2720

■ 0.0000, 0.0000,
0.0000

■ 168.2020, 11.4150,
7.8870

■ 168.2020, 11.4150,
7.8870

■ 156.3820, 19.8960,
13.8800

■ 180.1360, 2.6130,
2.2050

■ 143.8610, 28.9730,
20.0850

■ 192.5430, -6.1430,
-4.3110

■ 132.0410, 37.4540,
26.0780

■ 204.3630,
-14.6240, -10.3040

■ 119.5200, 46.5310,
32.2830

■ 216.8840,
-23.7010, -16.5090

■ 107.7000, 55.0120,
38.2760

■ 228.7040,
-32.1820, -22.5020

■ 95.7660, 63.8140,
43.9580

■ 231.8330,
-36.8590, -20.3390

■ 83.3590, 72.5700,
50.4740

■ 233.0870,
-40.3900, -16.9180

■ 71.4250, 81.3720,
56.1560

■ 233.7710,
-42.3160, -15.0520

■ 62.8820, 87.5150,
60.4670

Harmonies

Analogous

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



168.0100, 3.2080, 7.9440



168.2020, 11.4150, 7.8870



167.9590, 16.4130, 5.4130

Triad

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



168.2020, 11.4150, 7.8870



165.2360, 4.9070, -6.3330



163.7790, -18.4310, -1.8790

Complementary

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



168.2020, 11.4150, 7.8870



175.7980, -11.4150, -7.8870

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.



163.4430, -17.6050, -5.8370



168.2020, 11.4150, 7.8870



163.6910, -3.8040, -8.1560

Square

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



168.2020, 11.4150, 7.8870



166.6500, 12.6090, -2.7430



163.4990, -12.0110, -8.0990



165.4530, -14.3970, 2.1070

Rectangle

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



168.2020, 11.4150, 7.8870



167.3780, 16.5510, 2.9110



163.4990, -12.0110, -8.0990



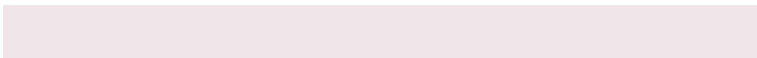
163.4260, -18.9350, -3.7590

Sweetspot

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



168.2020, 11.4150, 7.8870



233.4460, 4.6760, 3.3640



167.2210, 1.2360, 10.6440



116.0220, 2.9340, 1.8940



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



168.2020, 11.4150, 7.8870



214.3710, 18.4290, 12.9330



168.9370, 13.4790, 3.5190



86.0330, 4.4010, 2.8410



53.2560, 74.3580, 51.1100



9.6260, 13.1570, 9.3570

Inverse Universe

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



168.2020, 11.4150, 7.8870



214.3710, 18.4290, 12.9330



175.0630, -13.4790, -3.5190



86.0330, 4.4010, 2.8410



53.2560, 74.3580, 51.1100



9.6260, 13.1570, 9.3570

Previews

White Background



This preview shows how the YIQ color 168.2020, 11.4150, 7.8870 looks on a white background.

Color Contrast Check

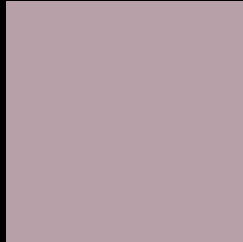
Large Text (above 18pt) WCAG AA × Fail

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 168.2020, 11.4150, 7.8870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

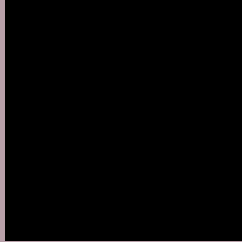
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 168.2020, 11.4150, 7.8870

Background



This preview shows how black text looks on a background with the YIQ color 168.2020, 11.4150, 7.8870.



This preview shows how white text looks on a background with the YIQ color 168.2020, 11.4150,

7.8870.

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

168.2020, 11.4150, 7.8870

Protanopia

166.3960, -1.0550, 2.6010

Deuteranopia

167.8920, 9.3520, 6.7280



Tritanopia

168.5440, 10.4520, 8.8200

Trichromacy



Original Color

168.2020, 11.4150, 7.8870

Protanomaly

166.9020, 3.3920, 4.6080

Deuteranomaly

168.1910, 9.9480, 6.9400

Tritanomaly

168.4300, 10.7730, 8.5090

Monochromacy



Original Color

168.2020, 11.4150, 7.8870

Achromatopsia

168.0000, -0.0000, -0.0000

Achromatomaly

168.0330, 4.4010, 2.8410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 168.2020, 11.4150, 7.8870 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(184, 160, 169)` looks like.

```
.text, #text, p{  
    color:rgb(184, 160, 169)  
}
```

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(184, 160, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 160, 169) }
```

Border

The CSS property to change the border of an element to YIQ 168.2020, 11.4150, 7.8870 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(184, 160, 169) }
```


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

```
.border{ border-color:rgb(184, 160, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 160, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 160, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 160, 169);  
box-shadow:4px 4px 4px 4px rgb(184, 160,  
169) }
```

Background

The CSS property to change the background color of an element to YIQ 168.2020, 11.4150, 7.8870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 160, 169) }
```

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

```
.background{ background-color: rgb(184,  
160, 169) }
```

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