

Converting Colors

YIQ(150.2020, 11.4150, 7.8870)

Have a look what the booklet for
YIQ(150.2020, 11.4150, 7.8870)
contains.

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Color

**YIQ(150.2020, 11.4150,
7.8870)**

Conversions

Conversions Part 1

Format	Color
Hex	A68E97
RGB	166, 142, 151
RGB Percent	65%, 56%, 59%
CMY	0.3490, 0.4432, 0.4078
CMYK	0.00, 0.14, 0.09, 0.35
HSL	337°, 12%, 60%
HSV	337°, 14%, 65%
XYZ	30.9874, 29.6864, 33.3792
YIQ	150.2020, 11.4150, 7.8870

Conversions

Conversions Part 2

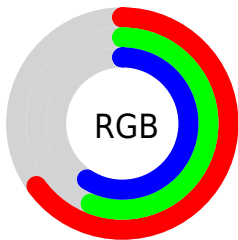
Format	Color
RYB	166, 142, 151
Decimal	10915479
CIELab	61.38, 10.58, -1.44
CIElCh	61, 10.678, 352.266
Yxy	29.6864, 0.3295, 0.3156
Android (android.graphics.Color)	4289105559 (0xFFA68E97)
YUV	150.2020, 0.3934, 13.8548
Hunter-Lab	54.4852, 6.1693, 1.8170

Details

The YIQ color **150.2020, 11.4150, 7.8870** is a light color, and the websafe version is hex **999999**. A complement of this color would be **157.7980, -11.4150, -7.8870**, and the grayscale version is **150.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **204.5010, 12.0110, 8.0990**, and **99.4900, 10.5440, 7.1520** is the 20% darker color. If you saturate the color by 10%, you get **139.0830, 19.3000, 13.6680**, and if you desaturate by 10%, it is **161.3210, 3.5300, 2.1060**.

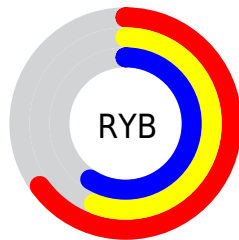
Distribution



Red (65%)

Green (56%)

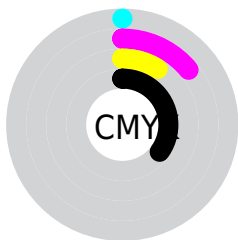
Blue (59%)



Red (65%)

Yellow (56%)

Blue (59%)

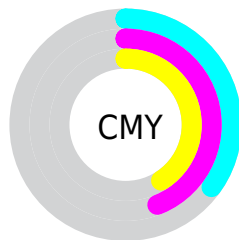


Cyan (0%)

Magenta (14%)

Yellow (9%)

Black (35%)



Cyan (35%)

Magenta (44%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 150.2020, 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 150.2020, 11.4150, 7.8870 by changing the saturation by 10% instead.

■ 150.2020, 11.4150,
7.8870

■ 150.2020, 11.4150,
7.8870

255.0000, -0.0000,
-0.0000

■ 124.2020, 11.4150,
7.8870

■ 204.5010, 12.0110,
8.0990

■ 99.4900, 10.5440,
7.1520

■ 232.8000, 12.6070,
8.3110

■ 75.1910, 9.9480,
6.9400

■ 253.2390, 0.8250,
1.5690

■ 52.8920, 9.3520,
6.7280

■ 31.1800, 8.4810,
5.9930

■ 8.2020, 11.4150,
7.8870

■ 0.0000, 0.0000,

0.0000

150.2020, 11.4150,
7.8870

150.2020, 11.4150,
7.8870

139.0830, 19.3000,
13.6680

161.3210, 3.5300,
2.1060

128.4370, 27.2310,
18.6150

171.9670, -4.4010,
-2.8410

117.3180, 35.1160,
24.3960

183.0860,
-12.2860, -8.6220

106.7860, 42.7260,
29.6540

193.6180,
-19.8960, -13.8800

95.5530, 50.9320,
35.1240

204.8510,
-28.1020, -19.3500

84.4340, 58.8170,
40.9050

215.9700,
-35.9870, -25.1310

■ 73.7880, 66.7480,
45.8520

■ 224.8550,
-43.0930, -28.5090

■ 62.6690, 74.6330,
51.6330

■ 225.9950,
-46.3030, -25.3990

■ 56.7020, 79.0340,
54.4740

■ 227.1350,
-49.5130, -22.2890

Harmonies

Analogous

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



150.0100, 3.2080, 7.9440



150.2020, 11.4150, 7.8870



149.9590, 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.



150.2020, 11.4150, 7.8870



147.2360, 4.9070, -6.3330



145.7790, -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.



150.2020, 11.4150, 7.8870



157.7980, -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.



145.1440, -18.2010, -6.0490



150.2020, 11.4150, 7.8870



145.6910, -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.



150.2020, 11.4150, 7.8870



148.3510, 12.0130, -2.9550



145.4990, -12.0110, -8.0990



147.4530, -14.3970, 2.1070

Rectangle

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



150.2020, 11.4150, 7.8870



149.3780, 16.5510, 2.9110



145.4990, -12.0110, -8.0990



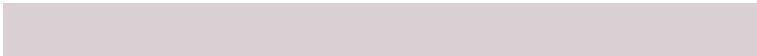
145.4260, -18.9350, -3.7590

Sweetspot

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



150.2020, 11.4150, 7.8870



211.0330, 4.4010, 2.8410



149.2210, 1.2360, 10.6440



106.0220, 2.9340, 1.8940



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



150.2020, 11.4150, 7.8870



192.6590, 17.5580, 12.1980



150.9370, 13.4790, 3.5190



78.7340, 3.8050, 2.6290



50.6360, 70.2320, 48.7920



6.8920, 9.3520, 6.7280

Inverse Universe

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



150.2020, 11.4150, 7.8870



192.6590, 17.5580, 12.1980



157.0630, -13.4790, -3.5190



78.7340, 3.8050, 2.6290



50.6360, 70.2320, 48.7920



6.8920, 9.3520, 6.7280

Previews

White Background



This preview shows how the YIQ color 150.2020, 11.4150, 7.8870 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 150.2020, 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 × Fail

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

YIQ 150.2020, 11.4150, 7.8870

Background



This preview shows how black text looks on a background with the YIQ color 150.2020, 11.4150, 7.8870.



This preview shows how white text looks on a background with the YIQ color 150.2020, 11.4150,

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

150.2020, 11.4150, 7.8870

Protanopia

148.3960, -1.0550, 2.6010

Deuteranopia

150.1800, 8.4810, 5.9930



Tritanopia

150.4300, 10.7730, 8.5090

Trichromacy



Original Color

150.2020, 11.4150, 7.8870

Protanomaly

148.9020, 3.3920, 4.6080

Deuteranomaly

149.8920, 9.3520, 6.7280

Tritanomaly

150.3160, 11.0940, 8.1980

Monochromacy



Original Color

150.2020, 11.4150, 7.8870

Achromatopsia

150.0000, -0.0000, -0.0000

Achromatomaly

150.0330, 4.4010, 2.8410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 150.2020, 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(166, 142, 151)` looks like.

```
.text, #text, p{  
    color:rgb(166, 142, 151)  
}
```

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(166, 142, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 142, 151) }
```

Border

The CSS property to change the border of an element to YIQ 150.2020, 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(166, 142, 151) }
```


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

```
.border{ border-color:rgb(166, 142, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 142, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 142, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 142, 151);  
box-shadow:4px 4px 4px 4px rgb(166, 142,  
151) }
```

Background

The CSS property to change the background color of an element to YIQ 150.2020, 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(166, 142, 151) }
```

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

```
.background{ background-color: rgb(166,  
142, 151) }
```

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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