

Converting Colors

YIQ(158.8640, 15.7230, 17.9230)

Have a look what the booklet for
YIQ(158.8640, 15.7230, 17.9230)
contains.

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Color

**YIQ(158.8640, 15.7230,
17.9230)**

Conversions

Conversions Part 1

Format	Color
Hex	B98FAC
RGB	185, 143, 172
RGB Percent	73%, 56%, 67%
CMY	0.2744, 0.4393, 0.3254
CMYK	0.00, 0.23, 0.07, 0.27
HSL	319°, 23%, 64%
HSV	319°, 23%, 73%
XYZ	37.2820, 32.9366, 43.4273
YIQ	158.8640, 15.7230, 17.9230

Conversions

Conversions Part 2

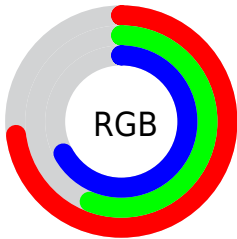
Format	Color
R_{YB}	185, 143, 172
Decimal	12160940
CIE Lab	64.11, 20.71, -9.10
CIE LCh	64, 22.619, 336.279
Yxy	32.9366, 0.3281, 0.2898
Android (android.graphics.Color)	4290351020 (0xFFB98FAC)
YUV	158.8640, 6.4760, 22.9213
Hunter-Lab	57.3904, 15.5241, -4.6914

Details

The YIQ color **158.8640, 15.7230, 17.9230** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **169.1360, -15.7230, -17.9230**, and the grayscale version is **159.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **213.5760, 16.5940, 18.6580**, and **106.8530, 14.2560, 16.9760** is the 20% darker color. If you saturate the color by 10%, you get **147.0270, 22.8740, 25.9940**, and if you desaturate by 10%, it is **170.1140, 8.8470, 10.3750**.

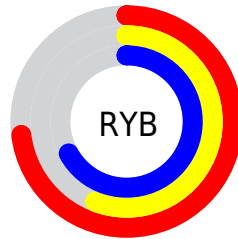
Distribution



Red (73%)

Green (56%)

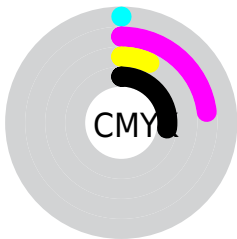
Blue (67%)



Red (73%)

Yellow (56%)

Blue (67%)

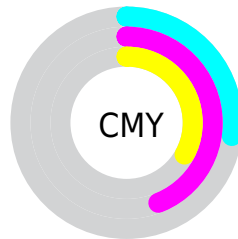


Cyan (0%)

Magenta (23%)

Yellow (7%)

Black (27%)



Cyan (27%)


Magenta (44%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 158.8640, 15.7230, 17.9230 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 158.8640, 15.7230, 17.9230 by changing the saturation by 10% instead.


 158.8640, 15.7230,
17.9230

 158.8640, 15.7230,
17.9230


255.0000, -0.0000,
-0.0000

 132.4510, 15.4480,
17.4000


 213.5760, 16.5940,
18.6580


 106.8530, 14.2560,
16.9760


 237.3900, 8.2500,
15.6900

 82.4400, 13.9810,
16.4530

254.4130, 0.2750,
0.5230

 59.3150, 12.8350,
15.1950

 37.0160, 12.2390,
14.9830

 13.9560, 12.4680,
16.3400

 0.0000, 0.0000,

0.0000

■ 158.8640, 15.7230,
17.9230

■ 158.8640, 15.7230,
17.9230

■ 147.0270, 22.8740,
25.9940

■ 170.1140, 8.8470,
10.3750

■ 135.8910, 29.4290,
33.8530

■ 181.8370, 2.0170,
1.9930

■ 124.0540, 36.5800,
41.9240

■ 193.0870, -4.8590,
-5.5550

■ 112.8040, 43.4560,
49.4720

■ 204.9240,
-12.0100, -13.6260

■ 100.9670, 50.6070,
57.5430

■ 216.7610,
-19.1610, -21.6970

■ 89.8310, 57.1620,
65.4020

■ 227.8970,
-25.7160, -29.5560

■ 77.9940, 64.3130,
73.4730

■ 229.1680,
-27.9170, -28.2130

■ 69.9070, 69.1720,
79.0280

■ 229.8520,
-29.8430, -26.3470

■ 230.5360,
-31.7690, -24.4810

Harmonies

Analogous

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



157.9310, -3.5790, 15.3090



158.8640, 15.7230, 17.9230



158.6990, 29.2490, 15.0810

Triad

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



158.8640, 15.7230, 17.9230



153.7290, 19.3960, -10.1080



146.7370, -44.9760, -10.8960

Complementary

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



158.8640, 15.7230, 17.9230



169.1360, -15.7230, -17.9230

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.



146.6530, -36.1720, -16.2680



158.8640, 15.7230, 17.9230



151.4710, 2.3870, -15.7330

Square

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



158.8640, 15.7230, 17.9230



156.0450, 30.4900, -1.9100



148.8800, -17.8780, -17.4140



150.1710, -40.0260, -1.4820

Rectangle

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



158.8640, 15.7230, 17.9230



157.6900, 33.4680, 10.2040



148.8800, -17.8780, -17.4140



146.0530, -43.0500, -12.7620

Sweetspot

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



158.8640, 15.7230, 17.9230



229.4510, 6.2800, 7.3360



151.6750, -5.7340, 15.8180



113.7880, 3.7130, 4.2970



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.



158.8640, 15.7230, 17.9230



199.5650, 24.2950, 27.7750



156.4700, 22.4640, 11.3920



86.3750, 3.4380, 3.7740



58.8420, 58.6290, 66.3490



10.5380, 10.5890, 11.8450

Inverse Universe

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



158.8640, 15.7230, 17.9230



199.5650, 24.2950, 27.7750



171.5300, -22.4640, -11.3920



86.3750, 3.4380, 3.7740



58.8420, 58.6290, 66.3490



10.5380, 10.5890, 11.8450

Previews

White Background



This preview shows how the YIQ color 158.8640, 15.7230, 17.9230 looks on a white background.

Color Contrast Check

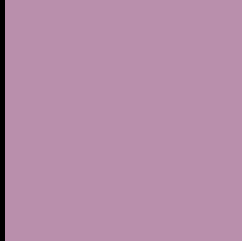
Large Text (above 18pt) WCAG AA × Fail

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 158.8640, 15.7230, 17.9230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

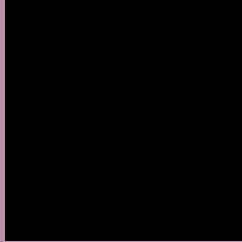
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 158.8640, 15.7230, 17.9230

Background



This preview shows how black text looks on a background with the YIQ color 158.8640, 15.7230, 17.9230.



This preview shows how white text looks on a background with the YIQ color 158.8640, 15.7230,

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

158.8640, 15.7230, 17.9230

Protanopia

155.9530, -9.8130, 7.1390

Deuteranopia

157.0530, 1.6490, 8.6650



Tritanopia

158.3170, 18.5210, 11.2650

Trichromacy



Original Color

158.8640, 15.7230, 17.9230

Protanomaly

156.8510, -0.5980, 10.8420

Deuteranomaly

157.7980, 6.9210, 12.2410

Tritanomaly

158.5990, 17.7870, 13.5550

Monochromacy



Original Color

158.8640, 15.7230, 17.9230

Achromatopsia

159.0000, -0.0000, 0.0000

Achromatomaly

158.7390, 5.4090, 6.6010

CSS Examples

Text

The CSS property to change the color of the text to YIQ 158.8640, 15.7230, 17.9230 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(185, 143, 172)` looks like.

```
.text, #text, p{  
    color:rgb(185, 143, 172)  
}
```

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(185, 143, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 143, 172) }
```

Border

The CSS property to change the border of an element to YIQ 158.8640, 15.7230, 17.9230 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(185, 143, 172) }
```


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

```
.border{ border-color:rgb(185, 143, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 143, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 143, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 143, 172);  
box-shadow:4px 4px 4px 4px rgb(185, 143,  
172) }
```

Background

The CSS property to change the background color of an element to YIQ 158.8640, 15.7230, 17.9230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 143, 172) }
```

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

```
.background{ background-color: rgb(185,  
143, 172) }
```

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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