

Converting Colors

YIQ(158.0850, 24.9860, 9.7380)

Have a look what the booklet for
YIQ(158.0850, 24.9860, 9.7380)
contains.

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Color

**YIQ(158.0850, 24.9860,
9.7380)**

Conversions

Conversions Part 1

Format	Color
Hex	BC9193
RGB	188, 145, 147
RGB Percent	74%, 57%, 58%
CMY	0.2626, 0.4314, 0.4234
CMYK	0.00, 0.23, 0.22, 0.26
HSL	357°, 24%, 65%
HSV	357°, 23%, 74%
XYZ	36.1366, 33.0474, 32.0882
YIQ	158.0850, 24.9860, 9.7380

Conversions

Conversions Part 2

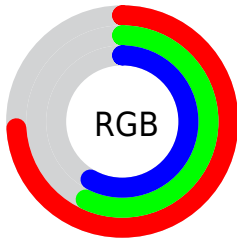
Format	Color
RYB	188, 145, 147
Decimal	12358035
CIELab	64.20, 16.53, 5.18
CIELCh	64, 17.327, 17.397
Yxy	33.0474, 0.3568, 0.3263
Android (android.graphics.Color)	4290548115 (0xFFBC9193)
YUV	158.0850, -5.4649, 26.2355
Hunter-Lab	57.4868, 11.6043, 7.1461

Details

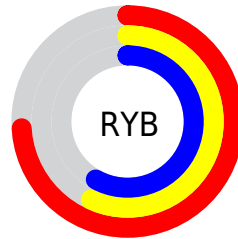
The YIQ color **158.0850, 24.9860, 9.7380** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **174.9150, -24.9860, -9.7380**, and the grayscale version is **158.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **212.9820, 26.7740, 10.3740**, and **106.3020, 22.8770, 9.4130** is the 20% darker color. If you saturate the color by 10%, you get **144.8800, 35.9890, 14.0770**, and if you desaturate by 10%, it is **171.2900, 13.9830, 5.3990**.

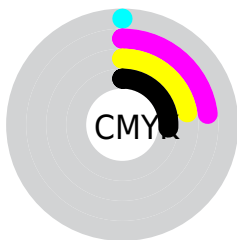
Distribution



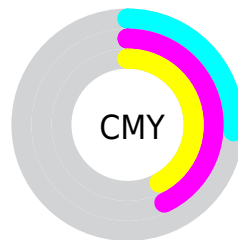
- Red (74%)
- Green (57%)
- Blue (58%)



- Red (74%)
- Yellow (57%)
- Blue (58%)



- Cyan (0%)
- Magenta (23%)
- Yellow (22%)
- Black (26%)





- Cyan (26%)
- Magenta (43%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 158.0850, 24.9860, 9.7380 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 158.0850, 24.9860, 9.7380 by changing the saturation by 10% instead.


 158.0850, 24.9860,
9.7380


 158.0850, 24.9860,
9.7380


255.0000, -0.0000,
-0.0000


 131.7860, 24.3900,
9.5260


 212.9820, 26.7740,
10.3740


 106.3020, 22.8770,
9.4130

 235.6000, 16.0460,
6.5580

 81.7040, 21.6850,
8.9890

 58.6930, 20.2180,
8.0420

 36.2090, 18.7050,
7.9290

 12.8780, 21.1350,
7.9430

 0.0000, 0.0000,

0.0000

158.0850, 24.9860,
9.7380

158.0850, 24.9860,
9.7380

144.8800, 35.9890,
14.0770

171.2900, 13.9830,
5.3990

131.6750, 46.9920,
18.4160

184.4950, 2.9800,
1.0600

119.0570, 57.7200,
22.2320

197.1130, -7.7480,
-2.7560

105.8520, 68.7230,
26.5710

210.3180,
-18.7510, -7.0950

92.6470, 79.7260,
30.9100

223.5230,
-29.7540, -11.4340

79.5560, 90.4080,
35.5600

234.8530,
-39.6110, -14.5150

■ 66.3510, 101.4110,
39.8990

■ 234.9670,
-39.9320, -14.2040

■ 57.2380, 109.1590,
42.6550

Harmonies

Analogous

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



158.4140, 16.8700, 13.6540



158.0850, 24.9860, 9.7380



157.3530, 26.8670, 3.1790

Triad

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



158.0850, 24.9860, 9.7380



152.2300, -4.1240, -13.3720



153.2930, -25.6300, 1.9380

Complementary

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



158.0850, 24.9860, 9.7380



174.9150, -24.9860, -9.7380

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.



150.6570, -32.8270, -5.2990



158.0850, 24.9860, 9.7380



150.2160, -18.7040, -13.4560

Square

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



158.0850, 24.9860, 9.7380



153.7650, 10.5470, -9.4290



149.9360, -29.4790, -10.9110



156.3380, -12.3350, 8.7930

Rectangle

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



158.0850, 24.9860, 9.7380



156.4510, 23.4750, -1.4290



149.9360, -29.4790, -10.9110



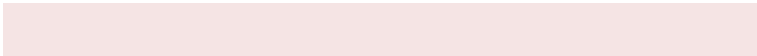
151.9720, -29.1600, -0.1680

Sweetspot

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



158.0850, 24.9860, 9.7380



233.0830, 10.1320, 3.6040



162.1610, 10.6330, 22.0650



115.6910, 5.3640, 1.9080



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



158.0850, 24.9860, 9.7380



199.0760, 38.3730, 14.9250



169.0100, 20.4030, -0.8210



87.6910, 5.3640, 1.9080



48.0400, 91.9210, 35.6730



9.3830, 18.1550, 6.8830

Inverse Universe

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



158.0850, 24.9860, 9.7380



199.0760, 38.3730, 14.9250



163.9900, -20.4030, 0.8210



87.6910, 5.3640, 1.9080



48.0400, 91.9210, 35.6730



9.3830, 18.1550, 6.8830

Previews

White Background



This preview shows how the YIQ color 158.0850, 24.9860, 9.7380 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 158.0850, 24.9860, 9.7380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

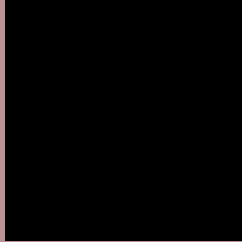
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 158.0850, 24.9860, 9.7380

Background



This preview shows how black text looks on a background with the YIQ color 158.0850, 24.9860, 9.7380.



This preview shows how white text looks on a background with the YIQ color 158.0850, 24.9860,

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

158.0850, 24.9860, 9.7380

Protanopia

155.9680, 3.0260, 0.2260

Deuteranopia

157.0190, 16.1840, 4.0560



Tritanopia

158.7090, 23.2890, 12.9610

Trichromacy



Original Color

158.0850, 24.9860, 9.7380

Protanomaly

156.6810, 11.3240, 4.0280

Deuteranomaly

157.3400, 19.7140, 6.1620

Tritanomaly

158.3670, 24.2520, 12.0280

Monochromacy



Original Color

158.0850, 24.9860, 9.7380

Achromatopsia

158.0000, -0.0000, 0.0000

Achromatomaly

157.8980, 9.2150, 3.7030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 158.0850, 24.9860, 9.7380 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(188, 145, 147)` looks like.

```
.text, #text, p{  
    color:rgb(188, 145, 147)  
}
```

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(188, 145, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 145, 147) }
```

Border

The CSS property to change the border of an element to YIQ 158.0850, 24.9860, 9.7380 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(188, 145, 147) }
```


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

```
.border{ border-color:rgb(188, 145, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 145, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 145, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 145, 147);  
box-shadow:4px 4px 4px 4px rgb(188, 145,  
147) }
```

Background

The CSS property to change the background color of an element to YIQ 158.0850, 24.9860, 9.7380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 145, 147) }
```

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

```
.background{ background-color: rgb(188,  
145, 147) }
```

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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