

Converting Colors

YIQ(191.0950, 9.8580, -2.4460)

Have a look what the booklet for
YIQ(191.0950, 9.8580, -2.4460)
contains.

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Color

**YIQ(191.0950, 9.8580,
-2.4460)**

Conversions

Conversions Part 1

Format	Color
Hex	C7BEB0
RGB	199, 190, 176
RGB Percent	78%, 75%, 69%
CMY	0.2196, 0.2549, 0.3097
CMYK	0.00, 0.05, 0.12, 0.22
HSL	36°, 17%, 74%
HSV	37°, 12%, 78%
XYZ	49.8044, 52.1029, 48.5128
YIQ	191.0950, 9.8580, -2.4460

Conversions

Conversions Part 2

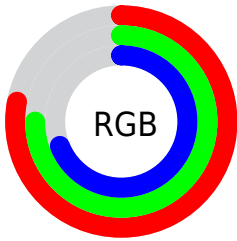
Format	Color
RYB	191, 199, 176
Decimal	13090480
CIELab	77.34, 0.76, 8.18
CIELCh	77, 8.216, 84.673
Yxy	52.1029, 0.3311, 0.3464
Android (android.graphics.Color)	4291280560 (0xFFC7BEB0)
YUV	191.0950, -7.4418, 6.9327
Hunter-Lab	72.1823, -3.1576, 10.6796

Details

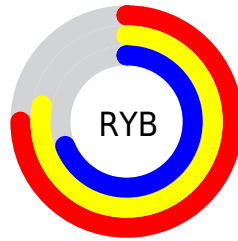
The YIQ color **191.0950, 9.8580, -2.4460** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **183.9050, -9.8580, 2.4460**, and the grayscale version is **191.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **247.0950, 9.8580, -2.4460**, and **137.9100, 8.9410, -2.3470** is the 20% darker color. If you saturate the color by 10%, you get **184.1190, 18.4780, -4.4820**, and if you desaturate by 10%, it is **198.0710, 1.2380, -0.4100**.

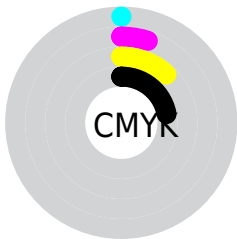
Distribution



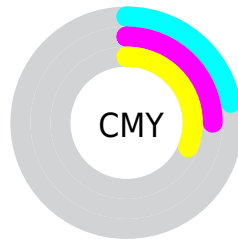
- Red (78%)
- Green (75%)
- Blue (69%)



- Red (75%)
- Yellow (78%)
- Blue (69%)



- Cyan (0%)
- Magenta (5%)
- Yellow (12%)
- Black (22%)



- Cyan (22%)
- Magenta (25%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 191.0950, 9.8580, -2.4460 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 191.0950, 9.8580, -2.4460 by changing the saturation by 10% instead.

■ 191.0950, 9.8580,
-2.4460

■ 191.0950, 9.8580,
-2.4460

255.0000, -0.0000,
-0.0000

■ 164.0950, 9.8580,
-2.4460

■ 247.0950, 9.8580,
-2.4460

■ 137.9100, 8.9410,
-2.3470

■ 112.0240, 8.6200,
-2.0360

■ 87.7250, 8.0240,
-2.2480

■ 64.7250, 8.0240,
-2.2480

■ 42.5400, 7.1070,
-2.1490

■ 21.4970, 8.6660,

-2.8700

■ 0.0000, 0.0000,
0.0000

■ 191.0950, 9.8580,
-2.4460

■ 191.0950, 9.8580,
-2.4460

■ 184.1190, 18.4780,
-4.4820

■ 198.0710, 1.2380,
-0.4100

■ 177.1430, 27.0980,
-6.5180

■ 205.0470, -7.3820,
1.6260

■ 170.7540, 35.4430,
-9.0770

■ 211.4360,
-15.7270, 4.1850

■ 163.7780, 44.0630,
-11.1130

■ 218.2980,
-24.0260, 5.9100

■ 156.9160, 52.3620,
-12.8380

■ 222.9940,
-26.2260, 1.7260

■ 149.9400, 60.9820,
-14.8740

■ 227.6900,
-28.4260, -2.4580

■ 142.9640, 69.6020,
-16.9100

■ 232.3860,
-30.6260, -6.6420

■ 136.5750, 77.9470,
-19.4690

■ 236.4950,
-32.5510, -10.3030

■ 130.5280, 85.3290,
-21.0950

■ 238.2560,
-33.3760, -11.8720

Harmonies

Analogous

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



192.0570, 13.0210, 0.8050



191.0950, 9.8580, -2.4460



189.6920, 3.6230, -5.0890

Triad

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



191.0950, 9.8580, -2.4460



188.3510, -14.3500, -4.2540



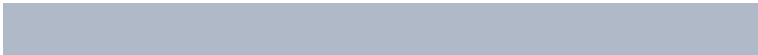
192.3690, 3.5750, 6.7990

Complementary

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



191.0950, 9.8580, -2.4460



183.9050, -9.8580, 2.4460

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.



192.0090, -4.2190, 4.8770



191.0950, 9.8580, -2.4460



189.3450, -14.2130, -1.2290

Square

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



191.0950, 9.8580, -2.4460



188.9230, -10.2690, -6.6290



190.6060, -10.4540, 2.2340



192.7780, 9.6730, 6.4170

Rectangle

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



191.0950, 9.8580, -2.4460



189.7130, -0.8700, -6.2620



190.6060, -10.4540, 2.2340



192.2870, 0.8700, 6.2620

Sweetspot

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



191.0950, 9.8580, -2.4460



252.3270, 3.3930, -0.9190



183.9030, 10.8190, 7.6750



126.1420, 2.4760, -0.8200



0.0000, 0.0000, 0.0000



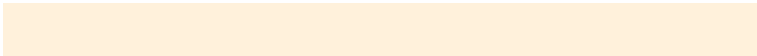
128.0000, -0.0000, -0.0000

Same Dimension

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



191.0950, 9.8580, -2.4460



242.6780, 15.4060, -3.8740



195.7800, 6.1910, -7.5770



96.2130, 3.7140, -1.2300



106.8500, 69.9230, -17.2210



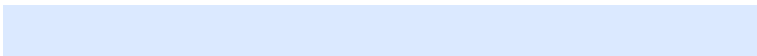
23.6780, 15.4060, -3.8740

Inverse Universe

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



183.9050, -9.8580, 2.4460



231.3220, -15.4060, 3.8740



179.2200, -6.1910, 7.5770



92.7870, -3.7140, 1.2300



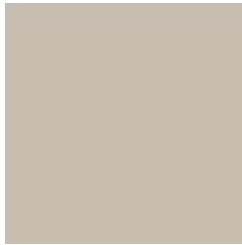
56.1500, -69.9230, 17.2210



12.3220, -15.4060, 3.8740

Previews

White Background



This preview shows how the YIQ color 191.0950, 9.8580, -2.4460 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 191.0950, 9.8580, -2.4460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

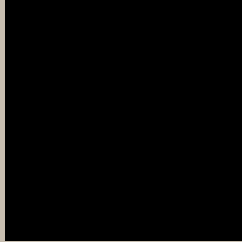
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

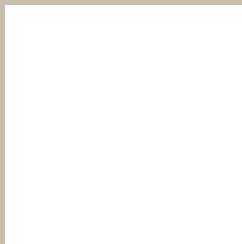
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 191.0950, 9.8580, -2.4460

Background



This preview shows how black text looks on a background with the YIQ color 191.0950, 9.8580, -2.4460.



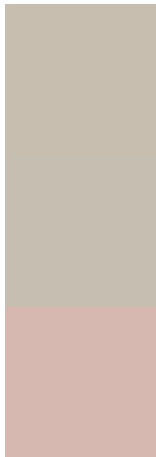
This preview shows how white text looks on a background with the YIQ color 191.0950, 9.8580,

-2.4460.

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

191.0950, 9.8580, -2.4460

Protanopia

190.7960, 9.2620, -2.6580

Deuteranopia

192.4710, 20.7230, 4.3950



Tritanopia

192.4940, 4.7210, 8.0570

Trichromacy



Original Color

191.0950, 9.8580, -2.4460

Protanomaly

190.7960, 9.2620, -2.6580

Deuteranomaly

191.8510, 16.5970, 2.0770

Tritanomaly

191.7560, 6.7390, 4.5230

Monochromacy



Original Color

191.0950, 9.8580, -2.4460

Achromatopsia

191.0000, -0.0000, -0.0000

Achromatomaly

191.3270, 3.3930, -0.9190

CSS Examples

Text

The CSS property to change the color of the text to YIQ 191.0950, 9.8580, -2.4460 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(199, 190, 176)` looks like.

```
.text, #text, p{  
    color:rgb(199, 190, 176)  
}
```

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(199, 190, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 190, 176) }
```

Border

The CSS property to change the border of an element to YIQ 191.0950, 9.8580, -2.4460 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(199, 190, 176) }
```


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

```
.border{ border-color:rgb(199, 190, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 190, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 190, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 190, 176); box-shadow:4px 4px 4px 4px rgb(199, 190, 176) }
```

Background

The CSS property to change the background color of an element to YIQ 191.0950, 9.8580, -2.4460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 190, 176) }
```

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

```
.background{ background-color: rgb(199,  
190, 176) }
```

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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