

Converting Colors

YIQ(193.9610, 12.9310, -8.5810)

Have a look what the booklet for
YIQ(193.9610, 12.9310, -8.5810)
contains.

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Color

**YIQ(193.9610, 12.9310,
-8.5810)**

Conversions

Conversions Part 1

Format	Color
Hex	C9C4A5
RGB	201, 196, 165
RGB Percent	79%, 77%, 65%
CMY	0.2118, 0.2314, 0.3529
CMYK	0.00, 0.02, 0.18, 0.21
HSL	52°, 25%, 72%
HSV	52°, 18%, 79%
XYZ	50.6196, 54.6134, 43.4800
YIQ	193.9610, 12.9310, -8.5810

Conversions

Conversions Part 2

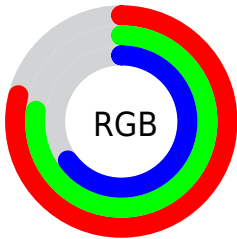
Format	Color
RYB	171, 201, 165
Decimal	13223077
CIELab	78.82, -3.41, 16.20
CIELCh	79, 16.556, 101.889
Yxy	54.6134, 0.3404, 0.3672
Android (android.graphics.Color)	4291413157 (0xFFC9C4A5)
YUV	193.9610, -14.2778, 6.1732
Hunter-Lab	73.9009, -7.0601, 16.8470

Details

The YIQ color **193.9610, 12.9310, -8.5810** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **172.0390, -12.9310, 8.5810**, and the grayscale version is **194.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **249.8360, 11.7850, -9.8390**, and **140.1890, 12.2890, -7.9590** is the 20% darker color. If you saturate the color by 10%, you get **189.9200, 20.1760, -13.2320**, and if you desaturate by 10%, it is **198.0020, 5.6860, -3.9300**.

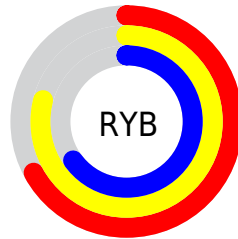
Distribution



Red (79%)

Green (77%)

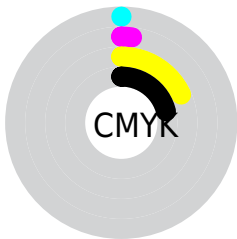
Blue (65%)



Red (67%)

Yellow (79%)

Blue (65%)

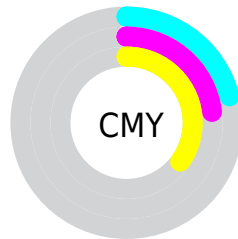


Cyan (0%)

Magenta (2%)

Yellow (18%)

Black (21%)



Cyan (21%)

Magenta (23%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 193.9610, 12.9310, -8.5810 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 193.9610, 12.9310, -8.5810 by changing the saturation by 10% instead.

■ 193.9610, 12.9310,
-8.5810

■ 193.9610, 12.9310,
-8.5810

255.0000, -0.0000,
-0.0000

■ 166.7760, 12.0140,
-8.4820

■ 249.8360, 11.7850,
-9.8390

■ 140.1890, 12.2890,
-7.9590

■ 254.3160, 1.9260,
-1.8660

■ 115.0040, 11.3720,
-7.8600

■ 90.1180, 11.0510,
-7.5490

■ 66.9330, 10.1340,
-7.4500

■ 44.7480, 9.2170,
-7.3510

■ 23.9330, 10.1340,

-7.4500

■ 0.0000, 0.0000,
0.0000

■ 193.9610, 12.9310,
-8.5810

■ 193.9610, 12.9310,
-8.5810

■ 189.9200, 20.1760,
-13.2320

■ 198.0020, 5.6860,
-3.9300

■ 185.8790, 27.4210,
-17.8830

■ 202.0430, -1.5590,
0.7210

■ 182.4250, 34.3910,
-23.0570

■ 205.4970, -8.5290,
5.8950

■ 178.3840, 41.6360,
-27.7080

■ 209.5380,
-15.7740, 10.5460

■ 174.3430, 48.8810,
-32.3590

■ 212.4390,
-19.8090, 12.0870

■ 170.1880, 56.4470,
-37.3210

■ 214.2000,
-20.6340, 10.5180

■ 166.1470, 63.6920,
-41.9720

■ 215.9610,
-21.4590, 8.9490

■ 162.6930, 70.6620,
-47.1460

■ 217.1350,
-22.0090, 7.9030

■ 161.6500, 72.2210,
-47.8670

■ 218.8960,
-22.8340, 6.3340

Harmonies

Analogous

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



195.6250, 22.9250, -2.4750



193.9610, 12.9310, -8.5810



191.7250, -1.1440, -12.3120

Triad

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



193.9610, 12.9310, -8.5810



190.3150, -31.8640, -6.2320



198.3320, 14.1650, 13.1170

Complementary

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



193.9610, 12.9310, -8.5810



172.0390, -12.9310, 8.5810

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.



197.3890, 0.8230, 12.6230



193.9610, 12.9310, -8.5810



192.5810, -26.5010, 1.2030

Square

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



193.9610, 12.9310, -8.5810



189.6050, -27.0490, -10.8970



195.1420, -14.7190, 7.9450



198.3130, 24.3440, 10.3600

Rectangle

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



193.9610, 12.9310, -8.5810



191.1090, -11.0930, -13.7250



195.1420, -14.7190, 7.9450



198.2930, 9.9010, 13.3010

Sweetspot

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



193.9610, 12.9310, -8.5810



252.3440, 4.7230, -2.9970



176.3340, 19.8510, 9.1870



125.9140, 3.1180, -1.4420



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.



193.9610, 12.9310, -8.5810



244.7350, 19.2590, -13.1330



193.0090, 3.8080, -13.9520



97.3870, 3.1640, -2.2760



131.5040, 58.3730, -39.1870



28.9610, 12.9310, -8.5810

Inverse Universe

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



172.0390, -12.9310, 8.5810



211.8520, -19.5340, 12.6100



172.9910, -3.8080, 13.9520



91.6130, -3.1640, 2.2760



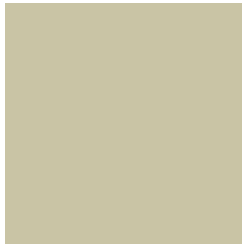
32.0830, -58.6480, 38.6640



7.0390, -12.9310, 8.5810

Previews

White Background



This preview shows how the YIQ color 193.9610, 12.9310, -8.5810 looks on a white background.

Color Contrast Check

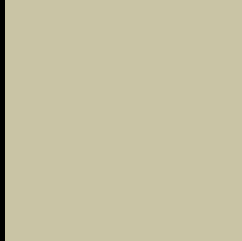
Large Text (above 18pt) WCAG AA × Fail

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 193.9610, 12.9310, -8.5810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

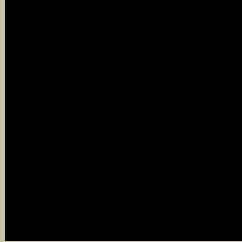
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

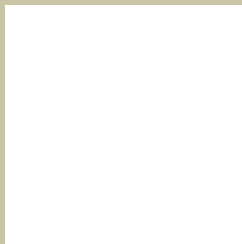
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 193.9610, 12.9310, -8.5810

Background



This preview shows how black text looks on a background with the YIQ color 193.9610, 12.9310, -8.5810.



This preview shows how white text looks on a background with the YIQ color 193.9610, 12.9310, -8.5810.

-8.5810.

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

193.9610, 12.9310, -8.5810

Protanopia

194.4560, 15.9110, -7.5210

Deuteranopia

196.3700, 28.1970, 1.1010



Tritanopia

196.4940, 4.7210, 8.0570

Trichromacy



Original Color

193.9610, 12.9310, -8.5810

Protanomaly

194.1570, 15.3150, -7.7330

Deuteranomaly

195.6250, 22.9250, -2.4750

Tritanomaly

195.3600, 7.7940, 1.9220

Monochromacy



Original Color

193.9610, 12.9310, -8.5810

Achromatopsia

194.0000, -0.0000, 0.0000

Achromatomaly

194.2300, 5.0440, -3.3080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 193.9610, 12.9310, -8.5810 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(201, 196, 165)` looks like.

```
.text, #text, p{  
    color:rgb(201, 196, 165)  
}
```

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(201, 196, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 196, 165) }
```

Border

The CSS property to change the border of an element to YIQ 193.9610, 12.9310, -8.5810 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(201, 196, 165) }
```


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

```
.border{ border-color:rgb(201, 196, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 196, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 196, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 196, 165); box-shadow:4px 4px 4px 4px rgb(201, 196, 165) }
```

Background

The CSS property to change the background color of an element to YIQ 193.9610, 12.9310, -8.5810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 196, 165) }
```

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

```
.background{ background-color: rgb(201,  
196, 165) }
```

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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