

Converting Colors

YIQ(193.1630, 15.1780,
-10.7580)

Have a look what the booklet for
YIQ(193.1630, 15.1780, -10.7580)
contains.

YIQ(193.1630, 15.1780, -10.7580)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(193.1630, 15.1780,
-10.7580)**

Conversions

Conversions Part 1

Format	Color
Hex	C9C49E
RGB	201, 196, 158
RGB Percent	79%, 77%, 62%
CMY	0.2118, 0.2314, 0.3803
CMYK	0.00, 0.02, 0.21, 0.21
HSL	53°, 28%, 70%
HSV	53°, 21%, 79%
XYZ	49.9995, 54.3654, 40.2164
YIQ	193.1630, 15.1780, -10.7580

Conversions

Conversions Part 2

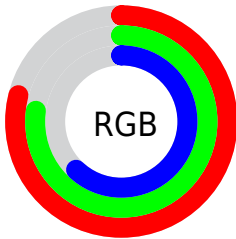
Format	Color
RYB	164, 201, 158
Decimal	13223070
CIELab	78.67, -4.45, 19.73
CIELCh	79, 20.230, 102.715
Yxy	54.3654, 0.3458, 0.3760
Android (android.graphics.Color)	4291413150 (0xFFC9C49E)
YUV	193.1630, -17.3354, 6.8730
Hunter-Lab	73.7329, -7.9886, 19.2743

Details

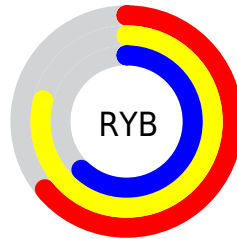
The YIQ color $193.1630, 15.1780, -10.7580$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $165.8370, -15.1780, 10.7580$, and the grayscale version is $193.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $249.0380, 14.0320, -12.0160$, and $139.3910, 14.5360, -10.1360$ is the 20% darker color. If you saturate the color by 10%, you get $189.7090, 22.1480, -15.9320$, and if you desaturate by 10%, it is $196.6170, 8.2080, -5.5840$.

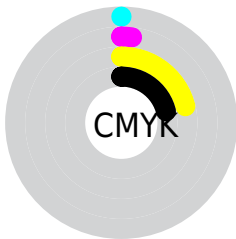
Distribution



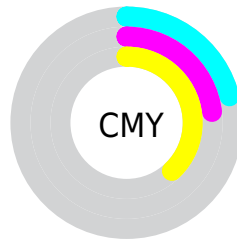
- Red (79%)
- Green (77%)
- Blue (62%)



- Red (64%)
- Yellow (79%)
- Blue (62%)



- Cyan (0%)
- Magenta (2%)
- Yellow (21%)
- Black (21%)



- Cyan (21%)
- Magenta (23%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 193.1630, 15.1780, -10.7580 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 193.1630, 15.1780, -10.7580 by changing the saturation by 10% instead.

■ 193.1630, 15.1780,
-10.7580

■ 193.1630, 15.1780,
-10.7580

■ 255.0000, -0.0000,
-0.0000

■ 165.9780, 14.2610,
-10.6590

■ 249.0380, 14.0320,
-12.0160

■ 139.3910, 14.5360,
-10.1360

■ 253.4040, 4.4940,
-4.3540

■ 114.2060, 13.6190,
-10.0370

■ 89.1350, 12.3810,
-9.6270

■ 65.9500, 11.4640,
-9.5280

■ 43.7650, 10.5470,
-9.4290

■ 23.3350, 8.9420,

-7.8740

■ 0.0000, 0.0000,
0.0000

■ 193.1630, 15.1780,
-10.7580

■ 193.1630, 15.1780,
-10.7580

■ 189.7090, 22.1480,
-15.9320

■ 196.6170, 8.2080,
-5.5840

■ 185.6680, 29.3930,
-20.5830

■ 200.6580, 0.9630,
-0.9330

■ 182.2140, 36.3630,
-25.7570

■ 204.1120, -6.0070,
4.2410

■ 178.7600, 43.3330,
-30.9310

■ 207.5660,
-12.9770, 9.4150

■ 174.7190, 50.5780,
-35.5820

■ 211.2650,
-19.2590, 13.1330

■ 171.1510, 57.8690,
-41.0670

■ 212.4390,
-19.8090, 12.0870

■ 167.6970, 64.8390,
-46.2410

■ 213.6130,
-20.3590, 11.0410

■ 164.5850, 70.8460,
-50.4820

■ 215.3740,
-21.1840, 9.4720

■ 216.5480,
-21.7340, 8.4260

Harmonies

Analogous

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



195.1370, 27.2350, -3.4930



193.1630, 15.1780, -10.7580



190.8450, -1.6020, -15.0260

Triad

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



193.1630, 15.1780, -10.7580



188.3680, -39.3830, -7.6310



198.4790, 18.2450, 16.2690

Complementary

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



193.1630, 15.1780, -10.7580



165.8370, -15.1780, 10.7580

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.



197.2690, 1.2810, 15.3370



193.1630, 15.1780, -10.7580



191.4600, -33.4700, 0.8500

Square

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



193.1630, 15.1780, -10.7580



187.6040, -34.4760, -13.9640



195.2280, -17.8370, 9.3870



198.1180, 29.3870, 12.5790

Rectangle

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



193.1630, 15.1780, -10.7580



189.5600, -13.9810, -16.4530



195.2280, -17.8370, 9.3870



198.2550, 13.0640, 16.5520

Sweetspot

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



193.1630, 15.1780, -10.7580



252.1160, 5.3650, -3.6190



171.4270, 24.0230, 10.6710



125.8000, 3.4390, -1.7530



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.



193.1630, 15.1780, -10.7580



242.7800, 23.3860, -16.3420



191.3140, 4.2670, -16.7650



97.3870, 3.1640, -2.2760



133.2650, 57.5480, -40.7560



29.5480, 12.6560, -9.1040

Inverse Universe

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



165.8370, -15.1780, 10.7580



200.6330, -23.1110, 16.8650



167.6860, -4.2670, 16.7650



91.6130, -3.1640, 2.2760



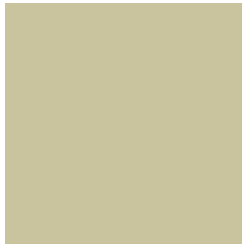
29.7350, -57.5480, 40.7560



6.4520, -12.6560, 9.1040

Previews

White Background



This preview shows how the YIQ color 193.1630, 15.1780, -10.7580 looks on a white background.

Color Contrast Check

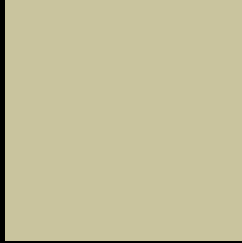
Large Text (above 18pt) WCAG AA × Fail

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 193.1630, 15.1780, -10.7580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

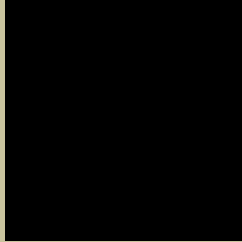
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 193.1630, 15.1780, -10.7580

Background



This preview shows how black text looks on a background with the YIQ color 193.1630, 15.1780, -10.7580.



This preview shows how white text looks on a background with the YIQ color 193.1630, 15.1780, -10.7580.

-10.7580.

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

193.1630, 15.1780, -10.7580

Protanopia

193.3700, 19.0290, -8.9630

Deuteranopia

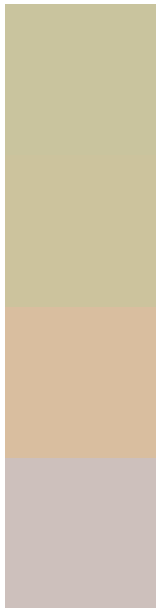
195.5830, 31.9110, -0.1290



Tritanopia

196.7930, 5.3170, 8.2690

Trichromacy



Original Color

193.1630, 15.1780, -10.7580

Protanomaly

193.3590, 17.5620, -9.9100

Deuteranomaly

194.5390, 26.0430, -3.9170

Tritanomaly

195.4310, 9.0320, 1.5120

Monochromacy



Original Color

193.1630, 15.1780, -10.7580

Achromatopsia

193.0000, -0.0000, -0.0000

Achromatomaly

193.0020, 5.6860, -3.9300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 193.1630, 15.1780, -10.7580 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, 158)` looks like.

```
.text, #text, p{  
    color:rgb(201, 196, 158)  
}
```

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, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 196, 158) }
```

Border

The CSS property to change the border of an element to YIQ 193.1630, 15.1780, -10.7580 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, 158) }
```


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

```
.border{ border-color:rgb(201, 196, 158) }
```

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, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 196, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 196, 158);  
box-shadow:4px 4px 4px 4px rgb(201, 196,  
158) }
```

Background

The CSS property to change the background color of an element to YIQ 193.1630, 15.1780, -10.7580 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, 158) }
```

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

```
.background{ background-color: rgb(201,  
196, 158) }
```

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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