

Converting Colors

YIQ(193.4950, 11.0070,
-17.7690)

Have a look what the booklet for
YIQ(193.4950, 11.0070, -17.7690)
contains.

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Color

**YIQ(193.4950, 11.0070,
-17.7690)**

Conversions

Conversions Part 1

Format	Color
Hex	C1CA97
RGB	193, 202, 151
RGB Percent	76%, 79%, 59%
CMY	0.2432, 0.2078, 0.4078
CMYK	0.04, 0.00, 0.25, 0.21
HSL	71°, 32%, 69%
HSV	71°, 25%, 79%
XYZ	48.6979, 55.8135, 37.4936
YIQ	193.4950, 11.0070, -17.7690

Conversions

Conversions Part 2

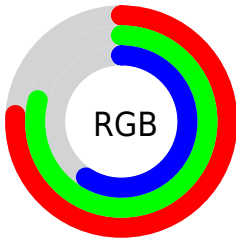
Format	Color
RYB	151, 202, 160
Decimal	12700311
CIELab	79.51, -11.58, 24.49
CIELCh	80, 27.084, 115.307
Yxy	55.8135, 0.3429, 0.3930
Android (android.graphics.Color)	4290890391 (0xFFC1CA97)
YUV	193.4950, -20.9500, -0.4341
Hunter-Lab	74.7084, -14.3865, 22.5403

Details

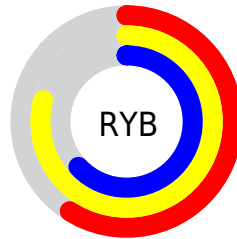
The YIQ color $193.4950, 11.0070, -17.7690$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $159.5050, -11.0070, 17.7690$, and the grayscale version is $194.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $247.8050, 13.0700, -16.6100$, and $139.8370, 10.0440, -16.8360$ is the 20% darker color. If you saturate the color by 10%, you get $190.0190, 15.0430, -24.8370$, and if you desaturate by 10%, it is $196.9710, 6.9710, -10.7010$.

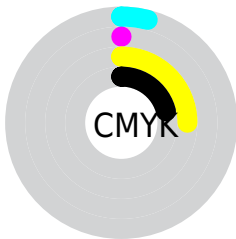
Distribution



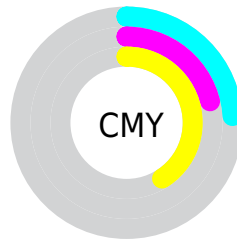
- Red (76%)
- Green (79%)
- Blue (59%)



- Red (59%)
- Yellow (79%)
- Blue (63%)



- Cyan (4%)
- Magenta (0%)
- Yellow (25%)
- Black (21%)



- Cyan (24%)
- Magenta (21%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 193.4950, 11.0070, -17.7690 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 193.4950, 11.0070, -17.7690 by changing the saturation by 10% instead.

■ 193.4950, 11.0070,
-17.7690

■ 193.4950, 11.0070,
-17.7690

255.0000, -0.0000,
-0.0000

■ 166.6090, 10.6860,
-17.4580

■ 247.9190, 12.7490,
-16.2990

■ 139.8370, 10.0440,
-16.8360

■ 252.6060, 6.7410,
-6.5310

■ 113.9510, 9.7230,
-16.5250

■ 89.1790, 9.0810,
-15.9030

■ 65.9940, 8.1640,
-15.8040

■ 42.9940, 8.1640,
-15.8040

■ 23.5900, 3.6700,

-11.4500

■ 0.0000, 0.0000,
0.0000

■ 193.4950, 11.0070,
-17.7690

■ 193.4950, 11.0070,
-17.7690

■ 190.0190, 15.0430,
-24.8370

■ 196.9710, 6.9710,
-10.7010

■ 186.8420, 19.6750,
-31.6930

■ 200.1480, 2.3390,
-3.8450

■ 183.2520, 24.0320,
-39.0720

■ 203.7380, -2.0180,
3.5340

■ 180.0750, 28.6640,
-45.9280

■ 206.9150, -6.6500,
10.3900

■ 176.5990, 32.7000,
-52.9960

■ 210.3910,
-10.6860, 17.4580

■ 173.4220, 37.3320,
-59.8520

■ 211.6300, -9.8610,
19.0270

■ 169.9460, 41.3680,
-66.9200

■ 212.8260, -7.4770,
19.8750

■ 168.2080, 43.3860,
-70.4540

■ 214.0220, -5.0930,
20.7230

■ 214.9190, -3.3050,
21.3590

Harmonies

Analogous

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



196.1170, 29.9870, -9.3170



193.4950, 11.0070, -17.7690



190.2840, -13.3840, -21.7680

Triad

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



193.4950, 11.0070, -17.7690



188.1090, -54.6510, -6.2590



201.0570, 31.3570, 20.9330

Complementary

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



193.4950, 11.0070, -17.7690



159.5050, -11.0070, 17.7690

Split Complementary

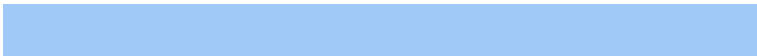
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



201.3460, 11.5500, 21.9660



193.4950, 11.0070, -17.7690



194.2840, -38.6060, 5.8260

Square

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



193.4950, 11.0070, -17.7690



185.7850, -54.0990, -16.2670



198.8960, -13.6660, 16.3980



200.2890, 42.0870, 13.6950

Rectangle

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



193.4950, 11.0070, -17.7690



187.7860, -29.4770, -21.9650



198.8960, -13.6660, 16.3980



201.3600, 26.1300, 22.0500

Sweetspot

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



193.4950, 11.0070, -17.7690



251.5240, 4.0360, -7.0680



171.5320, 27.9210, 6.1050



125.6210, 2.3850, -4.6790



0.0000, 0.0000, 0.0000



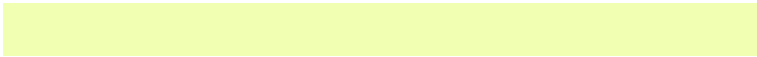
128.0000, -0.0000, -0.0000

Same Dimension

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



193.4950, 11.0070, -17.7690



242.1500, 16.0520, -26.6040



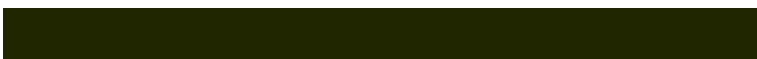
186.0200, -3.8930, -23.0690



100.2620, 2.0180, -3.5340



138.1060, 35.4060, -57.9860



31.5750, 8.0260, -13.3020

Inverse Universe

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



159.5050, -11.0070, 17.7690



191.5510, -16.6480, 26.3920



166.9800, 3.8930, 23.0690



93.7380, -2.0180, 3.5340



27.5950, -36.0020, 57.7740



6.4250, -8.0260, 13.3020

Previews

White Background



This preview shows how the YIQ color 193.4950, 11.0070, -17.7690 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 193.4950, 11.0070, -17.7690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

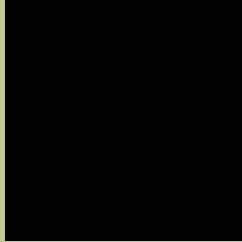
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 193.4950, 11.0070, -17.7690

Background



This preview shows how black text looks on a background with the YIQ color 193.4950, 11.0070, -17.7690.



This preview shows how white text looks on a background with the YIQ color 193.4950, 11.0070,

-17.7690.

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

193.4950, 11.0070, -17.7690

Protanopia

195.7140, 23.7520, -11.9600

Deuteranopia

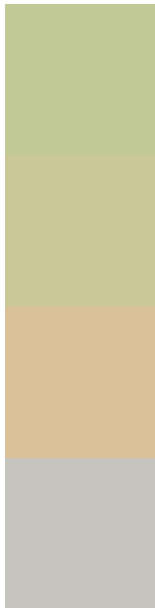
197.2690, 35.6710, -2.1930



Tritanopia

197.9170, -0.9640, 6.4600

Trichromacy



Original Color

193.4950, 11.0070, -17.7690

Protanomaly

194.9090, 18.7090, -14.1790

Deuteranomaly

196.2030, 26.8690, -7.8750

Tritanomaly

196.3870, 3.1640, -2.2760

Monochromacy



Original Color

193.4950, 11.0070, -17.7690

Achromatopsia

193.0000, -0.0000, -0.0000

Achromatomaly

193.0510, 3.9900, -6.2340

CSS Examples

Text

The CSS property to change the color of the text to YIQ 193.4950, 11.0070, -17.7690 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(193, 202, 151)` looks like.

```
.text, #text, p{  
    color:rgb(193, 202, 151)  
}
```

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(193, 202, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 202, 151) }
```

Border

The CSS property to change the border of an element to YIQ 193.4950, 11.0070, -17.7690 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(193, 202, 151) }
```


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

```
.border{ border-color:rgb(193, 202, 151) }
```

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

Here you see how a box with a 4 pixel rgb(193, 202, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 202, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 202, 151);  
box-shadow:4px 4px 4px 4px rgb(193, 202,  
151) }
```

Background

The CSS property to change the background color of an element to YIQ 193.4950, 11.0070, -17.7690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 202, 151) }
```

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

```
.background{ background-color: rgb(193,  
202, 151) }
```

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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