

Converting Colors

YIQ(194.9620, 11.1900,
-15.5780)

Have a look what the booklet for
YIQ(194.9620, 11.1900, -15.5780)
contains.

YIQ(194.9620, 11.1900, -15.5780)	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(194.9620, 11.1900,
-15.5780)**

Conversions

Conversions Part 1

Format	Color
Hex	C4CA9C
RGB	196, 202, 156
RGB Percent	77%, 79%, 61%
CMY	0.2314, 0.2078, 0.3881
CMYK	0.03, 0.00, 0.23, 0.21
HSL	68°, 30%, 70%
HSV	68°, 23%, 79%
XYZ	49.8857, 56.3775, 39.7142
YIQ	194.9620, 11.1900, -15.5780

Conversions

Conversions Part 2

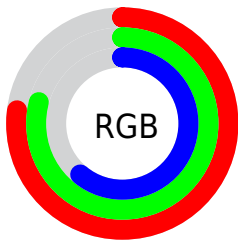
Format	Color
RYB	156, 202, 162
Decimal	12896924
CIELab	79.83, -9.73, 22.32
CIElCh	80, 24.353, 113.557
Yxy	56.3775, 0.3417, 0.3862
Android (android.graphics.Color)	4291087004 (0xFFC4CA9C)
YUV	194.9620, -19.2083, 0.9103
Hunter-Lab	75.0849, -12.8050, 21.1995

Details

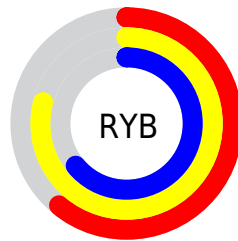
The YIQ color $194.9620, 11.1900, -15.5780$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $163.0380, -11.1900, 15.5780$, and the grayscale version is $195.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $249.3860, 12.9320, -14.1080$, and $141.1900, 10.5480, -14.9560$ is the 20% darker color. If you saturate the color by 10%, you get $191.7850, 15.8220, -22.4340$, and if you desaturate by 10%, it is $198.1390, 6.5580, -8.7220$.

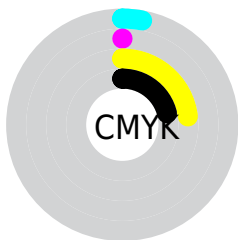
Distribution



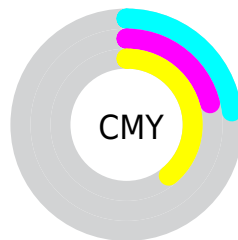
- Red (77%)
- Green (79%)
- Blue (61%)



- Red (61%)
- Yellow (79%)
- Blue (64%)



- Cyan (3%)
- Magenta (0%)
- Yellow (23%)
- Black (21%)



- Cyan (23%)
- Magenta (21%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 194.9620, 11.1900, -15.5780 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 194.9620, 11.1900, -15.5780 by changing the saturation by 10% instead.

■ 194.9620, 11.1900,
-15.5780

■ 194.9620, 11.1900,
-15.5780

■ 255.0000, -0.0000,
-0.0000

■ 168.0760, 10.8690,
-15.2670

■ 249.3860, 12.9320,
-14.1080

■ 141.3040, 10.2270,
-14.6450

■ 253.1760, 5.1360,
-4.9760

■ 115.4180, 9.9060,
-14.3340

■ 90.6460, 9.2640,
-13.7120

■ 67.4610, 8.3470,
-13.6130

■ 44.5750, 8.0260,
-13.3020

■ 24.4870, 5.4580,

-10.8140

■ 0.0000, 0.0000,
0.0000

■ 194.9620, 11.1900,
-15.5780

■ 194.9620, 11.1900,
-15.5780

■ 191.7850, 15.8220,
-22.4340

■ 198.1390, 6.5580,
-8.7220

■ 188.9070, 21.0500,
-29.0780

■ 201.0170, 1.3300,
-2.0780

■ 185.6160, 26.0030,
-36.2450

■ 204.3080, -3.6230,
5.0890

■ 182.4390, 30.6350,
-43.1010

■ 207.4850, -8.2550,
11.9450

■ 179.5610, 35.8630,
-49.7450

■ 210.1350,
-12.8410, 17.9670

■ 176.3840, 40.4950,
-56.6010

■ 211.0320,
-11.0530, 18.6030

■ 173.2070, 45.1270,
-63.4570

■ 211.6300, -9.8610,
19.0270

■ 171.1980, 49.3460,
-68.3340

■ 212.5270, -8.0730,
19.6630

■ 213.4240, -6.2850,
20.2990

Harmonies

Analogous

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



197.6870, 28.3820, -7.7620



194.9620, 11.1900, -15.5780



192.3060, -10.4500, -19.8740

Triad

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



194.9620, 11.1900, -15.5780



190.3440, -48.0030, -5.5950



201.8500, 27.5060, 19.1380

Complementary

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



194.9620, 11.1900, -15.5780



163.0380, -11.1900, 15.5780

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.



201.5090, 9.5330, 19.9730



194.9620, 11.1900, -15.5780



194.9100, -34.6170, 5.1190

Square

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



194.9620, 11.1900, -15.5780



188.4330, -47.1760, -15.0800



199.4290, -13.8490, 14.2070



201.3100, 37.5940, 12.5220

Rectangle

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



194.9620, 11.1900, -15.5780



190.2920, -25.0300, -19.9580



199.4290, -13.8490, 14.2070



202.0390, 22.6000, 19.9440

Sweetspot

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



194.9620, 11.1900, -15.5780



252.3500, 4.5860, -6.0220



172.6890, 26.0410, 7.1370



126.1480, 2.3390, -3.8450



0.0000, 0.0000, 0.0000



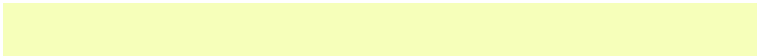
128.0000, -0.0000, -0.0000

Same Dimension

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



194.9620, 11.1900, -15.5780



244.4430, 16.7850, -23.3670



188.3840, -1.9220, -20.2420



100.5610, 2.6140, -3.3220



140.4980, 40.1740, -56.2900



32.1730, 9.2180, -12.8780

Inverse Universe

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



163.0380, -11.1900, 15.5780



196.5570, -16.7850, 23.3670



169.6160, 1.9220, 20.2420



93.4390, -2.6140, 3.3220



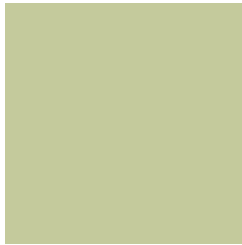
25.5020, -40.1740, 56.2900



5.8270, -9.2180, 12.8780

Previews

White Background



This preview shows how the YIQ color 194.9620, 11.1900, -15.5780 looks on a white background.

Color Contrast Check

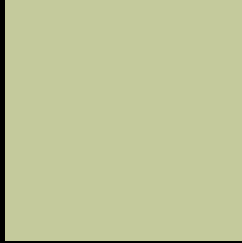
Large Text (above 18pt) WCAG AA × Fail

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 194.9620, 11.1900, -15.5780 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

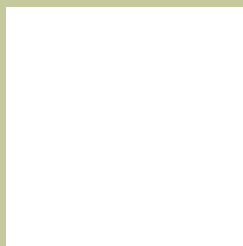
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 194.9620, 11.1900, -15.5780

Background



This preview shows how black text looks on a background with the YIQ color 194.9620, 11.1900, -15.5780.



This preview shows how white text looks on a background with the YIQ color 194.9620, 11.1900, -15.5780.

-15.5780.

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

194.9620, 11.1900, -15.5780

Protanopia

196.2840, 22.1470, -10.4050

Deuteranopia

198.4260, 33.7910, -1.1610



Tritanopia

199.1020, -0.0470, 6.3610

Trichromacy



Original Color

194.9620, 11.1900, -15.5780

Protanomaly

196.0770, 18.2960, -12.2000

Deuteranomaly

197.0720, 25.8600, -6.1080

Tritanomaly

197.6860, 3.7600, -2.0640

Monochromacy



Original Color

194.9620, 11.1900, -15.5780

Achromatopsia

195.0000, -0.0000, 0.0000

Achromatomaly

195.1650, 3.6690, -5.9230

CSS Examples

Text

The CSS property to change the color of the text to YIQ 194.9620, 11.1900, -15.5780 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(196, 202, 156)` looks like.

```
.text, #text, p{  
    color:rgb(196, 202, 156)  
}
```

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(196, 202, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 202, 156) }
```

Border

The CSS property to change the border of an element to YIQ 194.9620, 11.1900, -15.5780 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(196, 202, 156) }
```


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

```
.border{ border-color:rgb(196, 202, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 202, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 202, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 202, 156);  
box-shadow:4px 4px 4px 4px rgb(196, 202,  
156) }
```

Background

The CSS property to change the background color of an element to YIQ 194.9620, 11.1900, -15.5780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 202, 156) }
```

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

```
.background{ background-color: rgb(196,  
202, 156) }
```

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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