

Converting Colors

YIQ(195.4900, -61.6590,
-44.4670)

Have a look what the booklet for
YIQ(195.4900, -61.6590, -44.4670)
contains.

YIQ(195.4900, -61.6590, -44.4670)	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(195.4900, -61.6590,
-44.4670)**

Conversions

Conversions Part 1

Format	Color
Hex	6DF1BC
RGB	109, 241, 188
RGB Percent	43%, 95%, 74%
CMY	0.5729, 0.0547, 0.2629
CMYK	0.55, 0.00, 0.22, 0.05
HSL	156°, 83%, 69%
HSV	156°, 55%, 95%
XYZ	46.8390, 69.8176, 58.5551
YIQ	195.4900, -61.6590, -44.4670

Conversions

Conversions Part 2

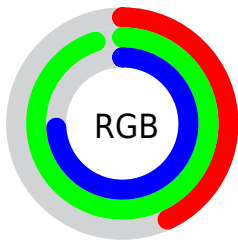
Format	Color
RYB	109, 192, 241
Decimal	7205308
CIELab	86.91, -48.63, 14.78
CIELCh	87, 50.828, 163.089
Yxy	69.8176, 0.2673, 0.3985
Android (android.graphics.Color)	4285395388 (0xFF6DF1BC)
YUV	195.4900, -3.6926, -75.8517
Hunter-Lab	83.5569, -46.1640, 16.9405

Details

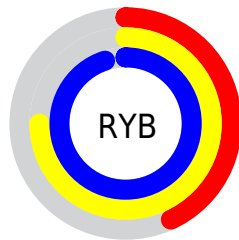
The YIQ color **195.4900, -61.6590, -44.4670** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **154.5100, 61.6590, 44.4670**, and the grayscale version is **196.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **228.0320, -47.7250, -21.6530**, and **135.3580, -70.0950, -45.7670** is the 20% darker color. If you saturate the color by 10%, you get **187.1740, -72.7530, -52.6650**, and if you desaturate by 10%, it is **203.8060, -50.5650, -36.2690**.

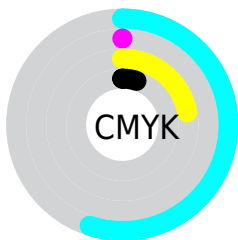
Distribution



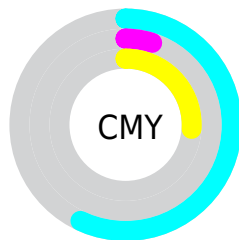
- Red (43%)
- Green (95%)
- Blue (74%)



- Red (43%)
- Yellow (75%)
- Blue (95%)



- Cyan (55%)
- Magenta (0%)
- Yellow (22%)
- Black (5%)



- Cyan (57%)
- Magenta (5%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 195.4900, -61.6590, -44.4670 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 195.4900, -61.6590, -44.4670 by changing the saturation by 10% instead.

■ 195.4900,
-61.6590, -44.4670

■ 195.4900,
-61.6590, -44.4670

■ 255.0000, -0.0000,
-0.0000

■ 165.8210,
-64.0890, -44.4810

■ 228.0320,
-47.7250, -21.6530

■ 135.3580,
-70.0950, -45.7670

■ 238.2560,
-33.3760, -11.8720

■ 104.5850,
-78.1640, -48.2120

■ 247.2260,
-15.4960, -5.5120

■ 86.0000, -63.0350,
-41.5550

■ 68.0020, -48.1810,
-35.4210

■ 50.8190, -34.2440,
-29.1880

■ 33.8640, -20.9490,

-22.3330

■ 18.7840, -8.8000,
-16.7360

■ 0.0000, 0.0000,
0.0000

■ 195.4900,
-61.6590, -44.4670

■ 195.4900,
-61.6590, -44.4670

■ 187.1740,
-72.7530, -52.6650

■ 203.8060,
-50.5650, -36.2690

■ 178.9720,
-84.1680, -60.5520

■ 212.0080,
-39.1500, -28.3820

■ 170.6560,
-95.2620, -68.7500

■ 220.3240,
-28.0560, -20.1840

■ 162.0410,
-106.9520, -77.1600

■ 228.6400,
-16.9620, -11.9860

■ 157.8830,
-112.4990, -81.2590

■ 236.8420, -5.5470,
-4.0990

■ 245.4570, 6.1430,
4.3110

■ 246.7820, 3.8500,
7.3220

Harmonies

Analogous

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



205.9140, -7.1910, -40.3990



195.4900, -61.6590, -44.4670



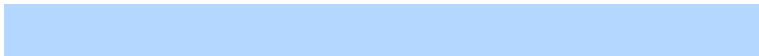
169.7730, -143.2230, -53.0710

Triad

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



195.4900, -61.6590, -44.4670



209.0950, -33.7000, 5.0200



204.7440, 50.5710, 3.1070

Complementary

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



195.4900, -61.6590, -44.4670



154.5100, 61.6590, 44.4670

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.



203.8900, 39.1970, 22.0210



195.4900, -61.6590, -44.4670



219.4590, 12.9700, 29.2740

Square

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



195.4900, -61.6590, -44.4670



188.5980, -96.2330, -23.6010



211.8240, 22.3680, 35.1680



210.8300, 55.4800, -14.2800

Rectangle

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



195.4900, -61.6590, -44.4670



170.5370, -148.1300, -46.7380



211.8240, 22.3680, 35.1680



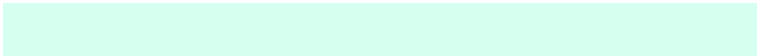
203.2910, 47.7730, 9.7650

Sweetspot

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



195.4900, -61.6590, -44.4670



240.9170, -19.3000, -13.6680



202.9290, -3.5200, -57.3760



119.3850, -11.6900, -8.4100



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.



195.4900, -61.6590, -44.4670



197.0160, -78.3000, -56.7640



195.0750, -75.6470, -22.2310



115.8420, -5.5470, -4.0990



120.5480, -85.9100, -62.0220



36.7480, -26.3140, -18.7140

Inverse Universe

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



154.5100, 61.6590, 44.4670



144.8700, 78.6210, 56.4530



154.9250, 75.6470, 22.2310



112.1580, 5.5470, 4.0990



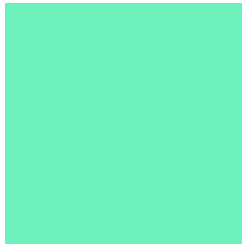
63.4520, 85.9100, 62.0220



19.3660, 25.9930, 19.0250

Previews

White Background



This preview shows how the YIQ color 195.4900, -61.6590, -44.4670 looks on a white background.

Color Contrast Check

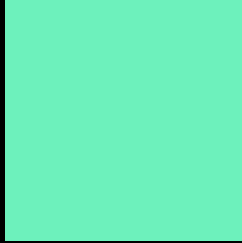
Large Text (above 18pt) WCAG AA × Fail

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 195.4900, -61.6590, -44.4670 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 195.4900, -61.6590, -44.4670 Background



This preview shows how black text looks on a background with the YIQ color 195.4900, -61.6590, -44.4670.



This preview shows how white text looks on a background with the YIQ color 195.4900, -61.6590, -44.4670.

-44.4670.

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

195.4900, -61.6590, -44.4670

Protanopia

215.2130, 20.9090, -9.9950

Deuteranopia

217.5810, 26.2250, 3.8010



Tritanopia

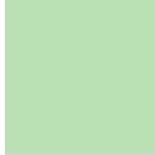
203.6570, -68.3580, -16.6620

Trichromacy



Original Color

195.4900, -61.6590, -44.4670



Protanomaly

207.9100, -9.3950, -22.4750



Deuteranomaly

209.6320, -5.3160, -13.7960



Tritanomaly

200.7030, -65.9720, -26.8680

Monochromacy



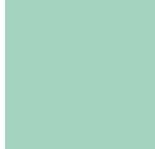
Original Color

195.4900, -61.6590, -44.4670



Achromatopsia

195.0000, -0.0000, 0.0000



Achromatomaly

195.3680, -22.1880, -16.3960

CSS Examples

Text

The CSS property to change the color of the text to YIQ 195.4900, -61.6590, -44.4670 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(109, 241, 188)` looks like.

```
.text, #text, p{  
    color:rgb(109, 241, 188)  
}
```

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(109, 241, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 241, 188) }
```

Border

The CSS property to change the border of an element to YIQ 195.4900, -61.6590, -44.4670 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(109, 241, 188) }
```


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

```
.border{ border-color:rgb(109, 241, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 241, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 241, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 241, 188);  
box-shadow:4px 4px 4px 4px rgb(109, 241,  
188) }
```

Background

The CSS property to change the background color of an element to YIQ 195.4900, -61.6590, -44.4670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 241, 188) }
```

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

```
.background{ background-color: rgb(109,  
241, 188) }
```

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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