

Converting Colors

YIQ(193.4390, -66.7900,
-67.1260)

Have a look what the booklet for
YIQ(193.4390, -66.7900, -67.1260)
contains.

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Color

**YIQ(193.4390, -66.7900,
-67.1260)**

Conversions

Conversions Part 1

Format	Color
Hex	58FF99
RGB	88, 255, 153
RGB Percent	35%, 100%, 60%
CMY	0.6554, 0.0000, 0.4002
CMYK	0.66, 0.00, 0.40, 0.00
HSL	143°, 100%, 67%
HSV	143°, 66%, 100%
XYZ	45.5192, 75.8873, 42.3651
YIQ	193.4390, -66.7900, -67.1260

Conversions

Conversions Part 2

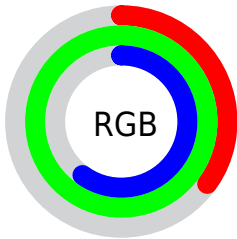
Format	Color
RYB	88, 208, 255
Decimal	5832601
CIELab	89.81, -64.87, 36.42
CIELCh	90, 74.396, 150.692
Yxy	75.8873, 0.2779, 0.4634
Android (android.graphics.Color)	4284022681 (0xFF58FF99)
YUV	193.4390, -19.9364, -92.4700
Hunter-Lab	87.1133, -59.1769, 32.1453

Details

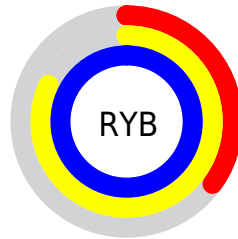
The YIQ color **193.4390, -66.7900, -67.1260** is a light color, and the websafe version is hex **66FF99**. The color can be described as light muted spring green. A complement of this color would be **149.5610, 66.7900, 67.1260**, and the grayscale version is **194.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **219.4430, -45.1090, -36.0290**, and **127.1530, -86.5960, -71.6200** is the 20% darker color. If you saturate the color by 10%, you get **183.8410, -77.1500, -77.6140**, and if you desaturate by 10%, it is **202.7380, -57.0260, -56.8500**.

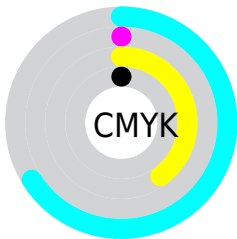
Distribution



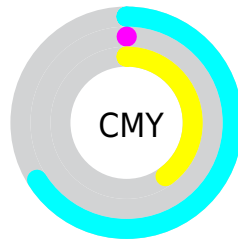
- Red (35%)
- Green (100%)
- Blue (60%)



- Red (35%)
- Yellow (82%)
- Blue (100%)



- Cyan (66%)
- Magenta (0%)
- Yellow (40%)
- Black (0%)



- Cyan (66%)
- Magenta (0%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 193.4390, -66.7900, -67.1260 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 193.4390, -66.7900, -67.1260 by changing the saturation by 10% instead.

■ 193.4390,
-66.7900, -67.1260

■ 193.4390,
-66.7900, -67.1260

■ 255.0000, -0.0000,
-0.0000

■ 161.0790,
-74.5840, -69.0480

■ 219.4430,
-45.1090, -36.0290

■ 127.1530,
-86.5960, -71.6200

■ 232.0180,
-35.9420, -20.4380

■ 107.7530,
-70.5500, -65.0620

■ 243.3390,
-23.2440, -8.2680

■ 88.5810, -55.1460,
-57.8820

■ 252.6080, -4.7680,
-1.6960

■ 70.4690, -39.9710,
-52.0590

■ 52.2430, -24.4750,
-46.5470

■ 36.9810, -17.3250,

-32.9490

■ 22.8930, -10.7250,
-20.3970

■ 0.0000, 0.0000,
0.0000

■ 193.4390,
-66.7900, -67.1260

■ 193.4390,
-66.7900, -67.1260

■ 183.8410,
-77.1500, -77.6140

■ 202.7380,
-57.0260, -56.8500

■ 174.6560,
-87.2350, -87.5790

■ 212.2220,
-46.3450, -46.6730

■ 165.0580,
-97.5950, -98.0670

■ 221.5210,
-36.5810, -36.3970

■ 160.9710,
-101.9040, -102.5760

■ 231.0050,
-25.9000, -26.2200

■ 240.3040,
-16.1360, -15.9440

■ 249.7880, -5.4550,
-5.7670

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



210.5800, 16.5160, -57.0520



193.4390, -66.7900, -67.1260



175.3350, -142.3500, -63.3900

Triad

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



193.4390, -66.7900, -67.1260



181.6880, -114.3420, -31.3180



193.9330, 54.8330, 13.9770

Complementary

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



193.4390, -66.7900, -67.1260



149.5610, 66.7900, 67.1260

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.



196.6300, 34.8380, 40.4540



193.4390, -66.7900, -67.1260



218.7620, -1.4250, 20.3270

Square

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



193.4390, -66.7900, -67.1260



176.4070, -150.8800, -51.9680



209.2140, 21.4500, 40.7940



202.8110, 65.6590, -17.0370

Rectangle

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



193.4390, -66.7900, -67.1260



178.7550, -151.9800, -54.0600



209.2140, 21.4500, 40.7940



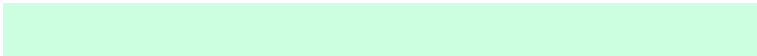
193.6200, 48.8250, 23.7450

Sweetspot

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



193.4390, -66.7900, -67.1260



236.2170, -20.4450, -20.4530



216.8260, 15.4630, -65.5050



116.5650, -12.3770, -12.4810



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.



193.4390, -66.7900, -67.1260



180.8790, -80.3130, -80.8650



202.9010, -93.4330, -41.3130



123.2010, -5.1800, -5.2440



120.5530, -76.2790, -76.8790



40.4180, -25.6250, -25.6970

Inverse Universe

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



149.5610, 66.7900, 67.1260



128.1210, 80.3130, 80.8650



140.0990, 93.4330, 41.3130



119.7990, 5.1800, 5.2440



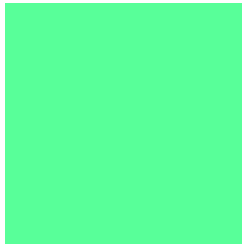
70.4470, 76.2790, 76.8790



23.5820, 25.6250, 25.6970

Previews

White Background



This preview shows how the YIQ color 193.4390, -66.7900, -67.1260 looks on a white background.

Color Contrast Check

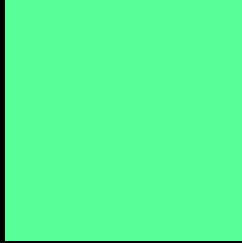
Large Text (above 18pt) WCAG AA × Fail

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 193.4390, -66.7900, -67.1260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

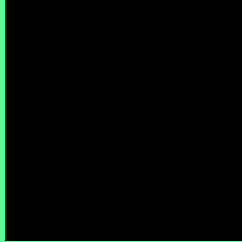
Any Text WCAG AA ✓ Pass

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 193.4390, -66.7900, -67.1260 Background



This preview shows how black text looks on a background with the YIQ color 193.4390, -66.7900, -67.1260.



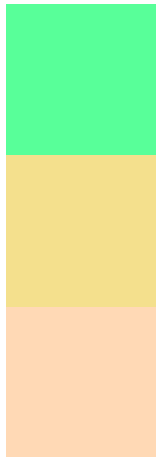
This preview shows how white text looks on a background with the YIQ color 193.4390, -66.7900, -67.1260.

-67.1260.

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

193.4390, -66.7900, -67.1260

Protanopia

220.5180, 38.5630, -21.5730

Deuteranopia

224.2580, 34.2040, -3.1400



Tritanopia

213.9140, -58.7760, -14.1040

Trichromacy



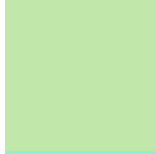
Original Color

193.4390, -66.7900, -67.1260



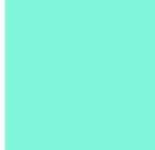
Protanomaly

210.3880, 0.2820, -38.1660



Deuteranomaly

213.0970, -2.7920, -26.5040



Tritanomaly

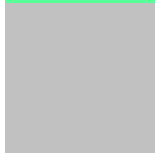
206.6400, -61.6610, -33.4130

Monochromacy



Original Color

193.4390, -66.7900, -67.1260



Achromatopsia

193.0000, -0.0000, -0.0000



Achromatomaly

193.4290, -24.1580, -24.7500

CSS Examples

Text

The CSS property to change the color of the text to YIQ 193.4390, -66.7900, -67.1260 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(88, 255, 153)` looks like.

```
.text, #text, p{  
    color:rgb(88, 255, 153)  
}
```

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(88, 255, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 255, 153) }
```

Border

The CSS property to change the border of an element to YIQ 193.4390, -66.7900, -67.1260 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(88, 255, 153) }
```


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

```
.border{ border-color:rgb(88, 255, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 255, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 255, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 255, 153);  
box-shadow:4px 4px 4px 4px rgb(88, 255,  
153) }
```

Background

The CSS property to change the background color of an element to YIQ 193.4390, -66.7900, -67.1260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 255, 153) }
```

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

```
.background{ background-color: rgb(88, 255,  
153) }
```

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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