

Converting Colors

YIQ(193.4890, -51.8910,
-56.2990)

Have a look what the booklet for
YIQ(193.4890, -51.8910, -56.2990)
contains.

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Color

**YIQ(193.4890, -51.8910,
-56.2990)**

Conversions

Conversions Part 1

Format	Color
Hex	6DF49B
RGB	109, 244, 155
RGB Percent	43%, 96%, 61%
CMY	0.5729, 0.0429, 0.3923
CMYK	0.55, 0.00, 0.37, 0.04
HSL	140°, 86%, 69%
HSV	140°, 55%, 96%
XYZ	44.5760, 70.3459, 42.2237
YIQ	193.4890, -51.8910, -56.2990

Conversions

Conversions Part 2

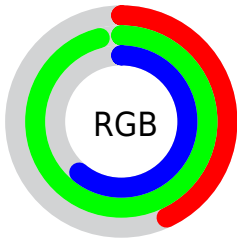
Format	Color
RYB	109, 210, 244
Decimal	7206043
CIELab	87.17, -56.21, 32.03
CIELCh	87, 64.695, 150.328
Yxy	70.3459, 0.2837, 0.4476
Android (android.graphics.Color)	4285396123 (0xFF6DF49B)
YUV	193.4890, -18.9751, -74.0969
Hunter-Lab	83.8725, -51.9087, 28.8625

Details

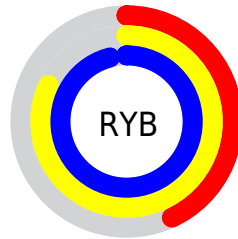
The YIQ color **193.4890, -51.8910, -56.2990** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **159.5110, 51.8910, 56.2990**, and the grayscale version is **194.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **224.1560, -36.8110, -32.2270**, and **133.1720, -61.2440, -57.5000** is the 20% darker color. If you saturate the color by 10%, you get **184.1900, -61.6550, -66.5750**, and if you desaturate by 10%, it is **202.4890, -42.7230, -46.2350**.

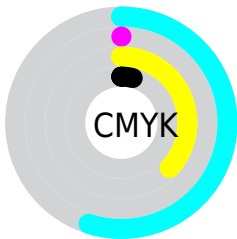
Distribution



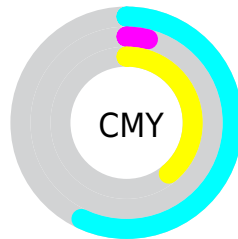
- Red (43%)
- Green (96%)
- Blue (61%)



- Red (43%)
- Yellow (82%)
- Blue (96%)



- Cyan (55%)
- Magenta (0%)
- Yellow (37%)
- Black (4%)



- Cyan (57%)
- Magenta (4%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 193.4890, -51.8910, -56.2990 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 193.4890, -51.8910, -56.2990 by changing the saturation by 10% instead.

■ 193.4890,
-51.8910, -56.2990

■ 193.4890,
-51.8910, -56.2990

■ 255.0000, -0.0000,
-0.0000

■ 163.9340,
-54.6420, -56.0020

■ 224.1560,
-36.8110, -32.2270

■ 133.1720,
-61.2440, -57.5000

■ 236.4320,
-28.2400, -16.8480

■ 102.2250,
-68.7630, -58.8990

■ 247.2260,
-15.4960, -5.5120

■ 83.6400, -53.6340,
-52.2420

■ 65.6420, -38.7800,
-46.1080

■ 47.5300, -23.6050,
-40.2850

■ 32.8720, -15.4000,

-29.2880

■ 19.3710, -9.0750,
-17.2590

■ 0.0000, 0.0000,
0.0000

■ 193.4890,
-51.8910, -56.2990

■ 193.4890,
-51.8910, -56.2990

■ 184.1900,
-61.6550, -66.5750

■ 202.4890,
-42.7230, -46.2350

■ 175.1900,
-70.8230, -76.6390

■ 211.7880,
-32.9590, -35.9590

■ 166.1900,
-79.9910, -86.7030

■ 220.7880,
-23.7910, -25.8950

■ 156.8910,
-89.7550, -96.9790

■ 230.0870,
-14.0270, -15.6190

■ 152.6900,
-93.7430, -101.7990

■ 239.0870, -4.8590,
-5.5550

■ 248.0870, 4.3090,
4.5090

■ 248.5430, 3.0250,
5.7530

Harmonies

Analogous

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



206.0780, 15.4140, -48.0900



193.4890, -51.8910, -56.2990



170.9010, -138.1320, -62.7400

Triad

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



193.4890, -51.8910, -56.2990



190.4470, -85.3220, -17.5940



195.4490, 53.3200, 13.8640

Complementary

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



193.4890, -51.8910, -56.2990



159.5110, 51.8910, 56.2990

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.



198.1800, 35.9850, 36.1850



193.4890, -51.8910, -56.2990



214.0220, -5.0930, 20.7230

Square

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



193.4890, -51.8910, -56.2990



169.9500, -147.8550, -46.2150



209.8010, 21.1750, 40.2710



202.3040, 62.9530, -12.0470

Rectangle

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



193.4890, -51.8910, -56.2990



175.2330, -150.3300, -50.9220



209.8010, 21.1750, 40.2710



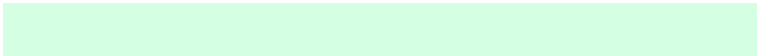
195.2670, 48.3210, 21.8650

Sweetspot

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



193.4890, -51.8910, -56.2990



238.8370, -16.3190, -18.1350



215.1550, 16.5150, -51.5250



118.2880, -10.0390, -10.7990



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.



193.4890, -51.8910, -56.2990



192.1140, -64.4970, -70.1370



201.1270, -73.3980, -35.4620



117.5000, -4.5840, -5.0320



116.3640, -71.3730, -77.6850



36.9130, -22.6450, -24.6370

Inverse Universe

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



159.5110, 51.8910, 56.2990



149.8860, 64.4970, 70.1370



151.8730, 73.3980, 35.4620



114.5000, 4.5840, 5.0320



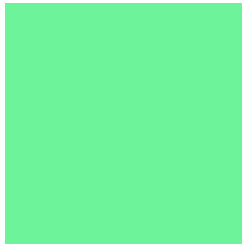
69.6360, 71.3730, 77.6850



22.0870, 22.6450, 24.6370

Previews

White Background



This preview shows how the YIQ color 193.4890, -51.8910, -56.2990 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 193.4890, -51.8910, -56.2990 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 193.4890, -51.8910, -56.2990 Background



This preview shows how black text looks on a background with the YIQ color 193.4890, -51.8910, -56.2990.



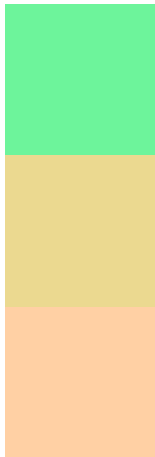
This preview shows how white text looks on a background with the YIQ color 193.4890, -51.8910, -56.2990.

-56.2990.

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

193.4890, -51.8910, -56.2990

Protanopia

214.0600, 34.1610, -18.8870

Deuteranopia

217.0370, 42.1360, -3.7200



Tritanopia

205.1630, -63.9110, -14.6550

Trichromacy



Original Color

193.4890, -51.8910, -56.2990



Protanomaly

206.6320, 2.7110, -32.6250



Deuteranomaly

208.4790, 7.9360, -22.6880



Tritanomaly

200.8300, -59.1400, -29.5400

Monochromacy



Original Color

193.4890, -51.8910, -56.2990



Achromatopsia

193.0000, -0.0000, -0.0000



Achromatomaly

193.2880, -19.2070, -20.8630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 193.4890, -51.8910, -56.2990 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, 244, 155)` looks like.

```
.text, #text, p{  
    color:rgb(109, 244, 155)  
}
```

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, 244, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 244, 155) }
```

Border

The CSS property to change the border of an element to YIQ 193.4890, -51.8910, -56.2990 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, 244, 155) }
```


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

```
.border{ border-color:rgb(109, 244, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 244, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 244, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 244, 155);  
box-shadow:4px 4px 4px 4px rgb(109, 244,  
155) }
```

Background

The CSS property to change the background color of an element to YIQ 193.4890, -51.8910, -56.2990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 244, 155) }
```

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

```
.background{ background-color: rgb(109,  
244, 155) }
```

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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