

Converting Colors

YIQ(199.2170, -39.9220,
-69.4740)

Have a look what the booklet for
YIQ(199.2170, -39.9220, -69.4740)
contains.

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Color

**YIQ(199.2170, -39.9220,
-69.4740)**

Conversions

Conversions Part 1

Format	Color
Hex	76FF7D
RGB	118, 255, 125
RGB Percent	46%, 100%, 49%
CMY	0.5377, 0.0000, 0.5098
CMYK	0.54, 0.00, 0.51, 0.00
HSL	123°, 100%, 73%
HSV	123°, 54%, 100%
XYZ	46.9179, 76.8446, 31.7568
YIQ	199.2170, -39.9220, -69.4740

Conversions

Conversions Part 2

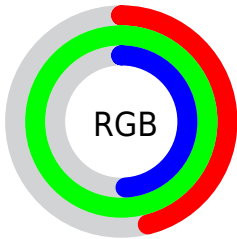
Format	Color
RYB	118, 248, 255
Decimal	7798653
CIELab	90.25, -62.82, 50.56
CIElCh	90, 80.634, 141.173
Yxy	76.8446, 0.3017, 0.4941
Android (android.graphics.Color)	4285988733 (0xFF76FF7D)
YUV	199.2170, -36.5890, -71.2273
Hunter-Lab	87.6610, -57.8702, 39.8839

Details

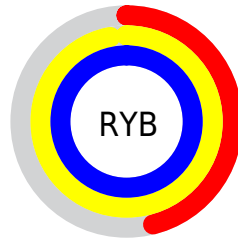
The YIQ color **199.2170, -39.9220, -69.4740** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **173.7830, 39.9220, 69.4740**, and the grayscale version is **200.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **223.7260, -21.2210, -39.4370**, and **138.4980, -48.0830, -70.2510** is the 20% darker color. If you saturate the color by 10%, you get **188.7070, -47.7140, -82.4500**, and if you desaturate by 10%, it is **209.4280, -32.7260, -56.7100**.

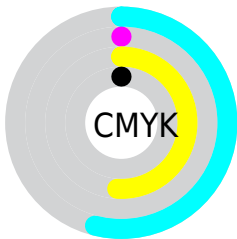
Distribution



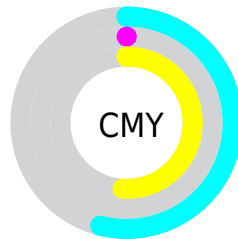
- Red (46%)
- Green (100%)
- Blue (49%)



- Red (46%)
- Yellow (97%)
- Blue (100%)



- Cyan (54%)
- Magenta (0%)
- Yellow (51%)
- Black (0%)



- Cyan (54%)
- Magenta (0%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 199.2170, -39.9220, -69.4740 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 199.2170, -39.9220, -69.4740 by changing the saturation by 10% instead.

199.2170,
-39.9220, -69.4740

199.2170,
-39.9220, -69.4740

255.0000, -0.0000,
-0.0000

169.5480,
-42.3520, -69.4880

223.7260,
-21.2210, -39.4370

138.4980,
-48.0830, -70.2510

235.8880,
-12.3290, -24.3690

104.3330,
-60.9200, -74.3920

248.4630, -3.1620,
-8.7780

84.7220, -42.9020,
-70.5340

67.5050, -31.6250,
-60.1450

52.2430, -24.4750,
-46.5470

37.5680, -17.6000,

-33.4720

■ 24.0670, -11.2750,
-21.4430

■ 1.1740, -0.5500,
-1.0460

■ 199.2170,
-39.9220, -69.4740

■ 199.2170,
-39.9220, -69.4740

■ 188.7070,
-47.7140, -82.4500

■ 209.4280,
-32.7260, -56.7100

■ 178.4960,
-54.9100, -95.2140

■ 219.9380,
-24.9340, -43.7340

■ 167.8720,
-62.3810, -108.5010

■ 230.2630,
-18.0590, -30.6590

■ 157.6610,
-69.5770, -121.2650

■ 240.7730,
-10.2670, -17.6830

■ 151.1670,
-74.2980, -129.3220

■ 250.9840, -3.0710,
-4.9190

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.



212.9170, 40.3120, -58.7920



199.2170, -39.9220, -69.4740



172.5990, -134.6460, -70.8540

Triad

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



199.2170, -39.9220, -69.4740



171.7110, -148.6800, -47.7840



189.6420, 51.7590, 25.6390

Complementary

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



199.2170, -39.9220, -69.4740



173.7830, 39.9220, 69.4740

Split Complementary

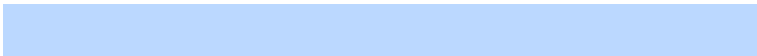
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



197.2460, 27.5920, 50.6320



199.2170, -39.9220, -69.4740



211.7750, -29.8030, 5.9810

Square

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



199.2170, -39.9220, -69.4740



178.7550, -151.9800, -54.0600



212.7360, 19.8000, 37.6560



197.1520, 66.4370, -9.1070

Rectangle

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



199.2170, -39.9220, -69.4740



178.7550, -151.9800, -54.0600



212.7360, 19.8000, 37.6560



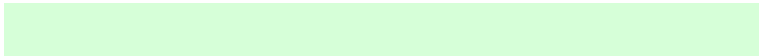
190.1440, 44.8340, 35.5060

Sweetspot

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



199.2170, -39.9220, -69.4740



238.2950, -11.9170, -20.8210



237.2890, 39.8050, -44.0910



117.9030, -7.5170, -12.4530



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.



199.2170, -39.9220, -69.4740



187.4680, -48.5390, -84.0190



206.9690, -61.7500, -48.3260



122.6310, -3.5750, -6.7990



113.2570, -55.7350, -96.7830



37.9100, -18.5630, -32.5390

Inverse Universe

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



173.7830, 39.9220, 69.4740



156.5320, 48.5390, 84.0190



166.0310, 61.7500, 48.3260



120.2550, 3.8960, 6.4880



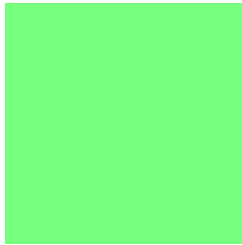
77.7430, 55.7350, 96.7830



25.9760, 18.8840, 32.2280

Previews

White Background



This preview shows how the YIQ color 199.2170, -39.9220, -69.4740 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 199.2170, -39.9220, -69.4740 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 199.2170, -39.9220, -69.4740 Background



This preview shows how black text looks on a background with the YIQ color 199.2170, -39.9220, -69.4740.



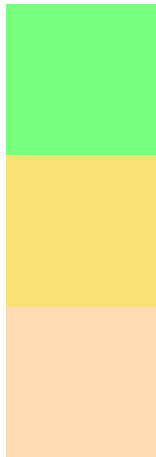
This preview shows how white text looks on a background with the YIQ color 199.2170, -39.9220,

-69.4740.

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

199.2170, -39.9220, -69.4740

Protanopia

220.2230, 49.3390, -29.6450

Deuteranopia

225.2040, 34.2960, -4.8080



Tritanopia

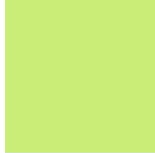
217.5130, -50.1570, -10.6130

Trichromacy



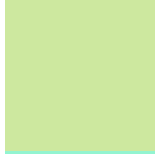
Original Color

199.2170, -39.9220, -69.4740



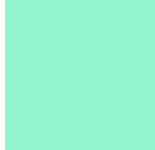
Protanomaly

212.7840, 16.4220, -44.3300



Deuteranomaly

215.6050, 7.3410, -28.4270



Tritanomaly

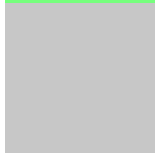
210.8930, -46.2560, -31.7600

Monochromacy



Original Color

199.2170, -39.9220, -69.4740



Achromatopsia

199.0000, -0.0000, 0.0000



Achromatomaly

198.9910, -14.1170, -25.0050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 199.2170, -39.9220, -69.4740 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(118, 255, 125)` looks like.

```
.text, #text, p{  
    color:rgb(118, 255, 125)  
}
```

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(118, 255, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 255, 125) }
```

Border

The CSS property to change the border of an element to YIQ 199.2170, -39.9220, -69.4740 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(118, 255, 125) }
```


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

```
.border{ border-color:rgb(118, 255, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 255, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 255, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 255, 125);  
box-shadow:4px 4px 4px 4px rgb(118, 255,  
125) }
```

Background

The CSS property to change the background color of an element to YIQ 199.2170, -39.9220, -69.4740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 255, 125) }
```

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

```
.background{ background-color: rgb(118,  
255, 125) }
```

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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