

Converting Colors

YIQ(198.5760, -39.5550,
-70.6190)

Have a look what the booklet for
YIQ(198.5760, -39.5550, -70.6190)
contains.

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Color

**YIQ(198.5760, -39.5550,
-70.6190)**

Conversions

Conversions Part 1

Format	Color
Hex	75FF7A
RGB	117, 255, 122
RGB Percent	46%, 100%, 48%
CMY	0.5416, 0.0000, 0.5216
CMYK	0.54, 0.00, 0.52, 0.00
HSL	122°, 100%, 73%
HSV	122°, 54%, 100%
XYZ	46.5940, 76.6994, 30.7566
YIQ	198.5760, -39.5550, -70.6190

Conversions

Conversions Part 2

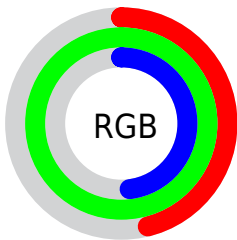
Format	Color
RYB	117, 250, 255
Decimal	7733114
CIELab	90.18, -63.44, 51.85
CIELCh	90, 81.931, 140.742
Yxy	76.6994, 0.3025, 0.4979
Android (android.graphics.Color)	4285923194 (0xFF75FF7A)
YUV	198.5760, -37.7520, -71.5422
Hunter-Lab	87.5782, -58.2949, 40.4827

Details

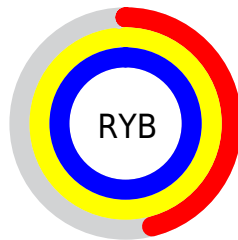
The YIQ color **198.5760, -39.5550, -70.6190** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **173.4240, 39.5550, 70.6190**, and the grayscale version is **199.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **223.0850, -20.8540, -40.5820**, and **137.5580, -48.3120, -71.6080** is the 20% darker color. If you saturate the color by 10%, you get **187.9520, -47.0260, -83.9060**, and if you desaturate by 10%, it is **208.9010, -32.6800, -57.5440**.

Distribution



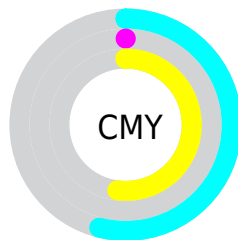
- Red (46%)
- Green (100%)
- Blue (48%)



- Red (46%)
- Yellow (98%)
- Blue (100%)



- Cyan (54%)
- Magenta (0%)
- Yellow (52%)
- Black (0%)



- Cyan (54%)
- Magenta (0%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 198.5760, -39.5550, -70.6190 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 198.5760, -39.5550, -70.6190 by changing the saturation by 10% instead.

■ 198.5760,
-39.5550, -70.6190

■ 198.5760,
-39.5550, -70.6190

■ 255.0000, -0.0000,
-0.0000

■ 168.9070,
-41.9850, -70.6330

■ 223.0850,
-20.8540, -40.5820

■ 137.5580,
-48.3120, -71.6080

■ 235.2470,
-11.9620, -25.5140

■ 103.8770,
-59.6360, -75.6360

■ 247.8220, -2.7950,
-9.9230

■ 83.9240, -40.6550,
-72.7110

■ 67.5050, -31.6250,
-60.1450

■ 52.2430, -24.4750,
-46.5470

■ 37.5680, -17.6000,

-33.4720

■ 23.4800, -11.0000,
-20.9200

■ 0.5870, -0.2750,
-0.5230

■ 198.5760,
-39.5550, -70.6190

■ 198.5760,
-39.5550, -70.6190

■ 187.9520,
-47.0260, -83.9060

■ 208.9010,
-32.6800, -57.5440

■ 177.7410,
-54.2220, -96.6700

■ 219.4110,
-24.8880, -44.5680

■ 167.1170,
-61.6930, -109.9570

■ 229.7360,
-18.0130, -31.4930

■ 156.9060,
-68.8890, -122.7210

■ 240.2460,
-10.2210, -18.5170

■ 150.7110,
-73.0140, -130.5660

■ 250.5710, -3.3460,
-5.4420

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.



211.7600, 42.1920, -59.8240



198.5760, -39.5550, -70.6190



172.3710, -134.0040, -71.4760

Triad

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



198.5760, -39.5550, -70.6190



171.7110, -148.6800, -47.7840



188.4680, 52.3090, 26.6850

Complementary

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



198.5760, -39.5550, -70.6190



173.4240, 39.5550, 70.6190

Split Complementary

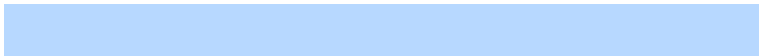
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



196.8870, 27.2250, 51.7770



198.5760, -39.5550, -70.6190



210.5790, -32.1870, 5.1330

Square

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



198.5760, -39.5550, -70.6190



178.7550, -151.9800, -54.0600



212.1490, 20.0750, 38.1790



195.8640, 67.3080, -8.3720

Rectangle

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



198.5760, -39.5550, -70.6190



178.6410, -151.6590, -54.3710



212.1490, 20.0750, 38.1790



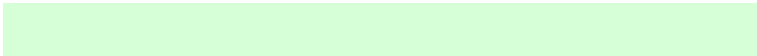
189.0840, 45.0630, 36.8630

Sweetspot

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



198.5760, -39.5550, -70.6190



238.2950, -11.9170, -20.8210



237.7730, 41.3180, -43.9780



117.7890, -7.1960, -12.7640



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.



198.5760, -39.5550, -70.6190



187.1260, -47.5760, -84.9520



206.4420, -61.7040, -49.1600



122.6310, -3.5750, -6.7990



112.9150, -54.7720, -97.7160



37.7960, -18.2420, -32.8500

Inverse Universe

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



173.4240, 39.5550, 70.6190



156.8740, 47.5760, 84.9520



165.5580, 61.7040, 49.1600



120.2550, 3.8960, 6.4880



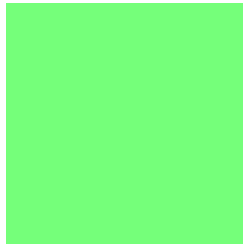
78.0850, 54.7720, 97.7160



26.0900, 18.5630, 32.5390

Previews

White Background



This preview shows how the YIQ color 198.5760, -39.5550, -70.6190 looks on a white background.

Color Contrast Check

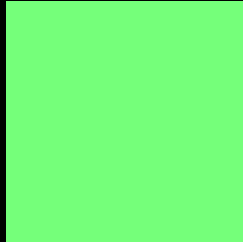
Large Text (above 18pt) WCAG AA × Fail

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 198.5760, -39.5550, -70.6190 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 198.5760, -39.5550, -70.6190 Background



This preview shows how black text looks on a background with the YIQ color 198.5760, -39.5550, -70.6190.



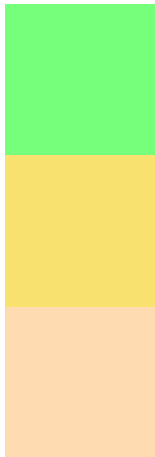
This preview shows how white text looks on a background with the YIQ color 198.5760, -39.5550, -70.6190.

-70.6190.

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

198.5760, -39.5550, -70.6190

Protanopia

219.2940, 50.5770, -30.0550

Deuteranopia

225.0900, 34.6170, -5.1190



Tritanopia

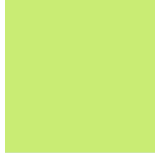
217.2140, -50.7530, -10.8250

Trichromacy



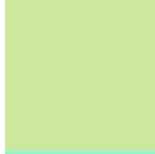
Original Color

198.5760, -39.5550, -70.6190



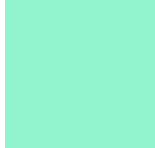
Protanomaly

211.8550, 17.6600, -44.7400



Deuteranomaly

215.4910, 7.6620, -28.7380



Tritanomaly

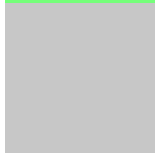
210.4800, -46.5310, -32.2830

Monochromacy



Original Color

198.5760, -39.5550, -70.6190



Achromatopsia

199.0000, -0.0000, 0.0000



Achromatomaly

198.5780, -14.3920, -25.5280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 198.5760, -39.5550, -70.6190 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(117, 255, 122)` looks like.

```
.text, #text, p{  
    color:rgb(117, 255, 122)  
}
```

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(117, 255, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 255, 122) }
```

Border

The CSS property to change the border of an element to YIQ 198.5760, -39.5550, -70.6190 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(117, 255, 122) }
```


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

```
.border{ border-color:rgb(117, 255, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 255, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(117, 255, 122); -webkit-box-shadow:4px 4px 4px 4px rgb(117, 255, 122); box-shadow:4px 4px 4px 4px rgb(117, 255, 122) }
```

Background

The CSS property to change the background color of an element to YIQ 198.5760, -39.5550, -70.6190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 255, 122) }
```

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

```
.background{ background-color: rgb(117,  
255, 122) }
```

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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