

Converting Colors

YIQ(195.7390, -24.3770,
-81.3770)

Have a look what the booklet for
YIQ(195.7390, -24.3770, -81.3770)
contains.

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Color

**YIQ(195.7390, -24.3770,
-81.3770)**

Conversions

Conversions Part 1

Format	Color
Hex	7AFF54
RGB	122, 255, 84
RGB Percent	48%, 100%, 33%
CMY	0.5220, 0.0000, 0.6705
CMYK	0.52, 0.00, 0.67, 0.00
HSL	107°, 100%, 66%
HSV	107°, 67%, 100%
XYZ	45.3714, 76.2899, 20.7235
YIQ	195.7390, -24.3770, -81.3770

Conversions

Conversions Part 2

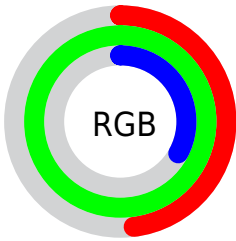
Format	Color
RYB	84, 255, 217
Decimal	8060756
CIELab	89.99, -66.10, 67.70
CIELCh	90, 94.622, 134.314
Yxy	76.2899, 0.3187, 0.5358
Android (android.graphics.Color)	4286250836 (0xFF7AFF54)
YUV	195.7390, -55.0873, -64.6691
Hunter-Lab	87.3441, -60.1294, 47.0736

Details

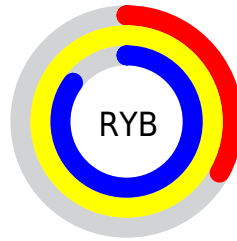
The YIQ color **195.7390, -24.3770, -81.3770** is a light color, and the websafe version is hex **66FF66**. The color can be described as light muted chartreuse. A complement of this color would be **143.2610, 24.3770, 81.3770**, and the grayscale version is **196.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **220.7750, -5.7220, -50.5060**, and **132.6690, -27.3560, -87.9640** is the 20% darker color. If you saturate the color by 10%, you get **186.9090, -28.2720, -93.3920**, and if you desaturate by 10%, it is **204.6830, -20.8030, -69.0510**.

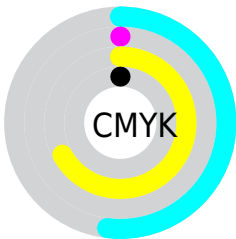
Distribution



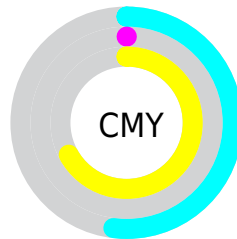
- Red (48%)
- Green (100%)
- Blue (33%)



- Red (33%)
- Yellow (100%)
- Blue (85%)



- Cyan (52%)
- Magenta (0%)
- Yellow (67%)
- Black (0%)



- Cyan (52%)
- Magenta (0%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 195.7390, -24.3770, -81.3770 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 195.7390, -24.3770, -81.3770 by changing the saturation by 10% instead.

195.7390,
-24.3770, -81.3770

195.7390,
-24.3770, -81.3770

255.0000, -0.0000,
-0.0000

165.4290,
-26.4400, -82.5360

220.7750, -5.7220,
-50.5060

132.6690,
-27.3560, -87.9640

232.9370, 3.1700,
-35.4380

99.2030, -46.4750,
-88.3870

245.5120, 12.3370,
-19.8470

83.3540, -39.0500,
-74.2660

251.8080, 8.9880,
-8.7080

67.5050, -31.6250,
-60.1450

52.2430, -24.4750,
-46.5470

37.5680, -17.6000,

-33.4720

■ 23.4800, -11.0000,
-20.9200

■ 0.0000, 0.0000,
0.0000

■ 195.7390,
-24.3770, -81.3770

■ 195.7390,
-24.3770, -81.3770

■ 186.9090,
-28.2720, -93.3920

■ 204.6830,
-20.8030, -69.0510

■ 177.9650,
-31.8460, -105.7180

■ 213.5130,
-16.9080, -57.0360


■ 169.1350,
-35.7410, -117.7330

■ 222.1580,
-13.9300, -44.9220

■ 166.4290,
-36.7490, -121.4930

■ 230.9880,
-10.0350, -32.9070

 239.9320, -6.4610,
-20.5810

 248.7620, -2.5660,
-8.5660

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.



207.0030, 71.5840, -74.8800



195.7390, -24.3770, -81.3770



169.5210, -125.9790, -79.2510

Triad

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



195.7390, -24.3770, -81.3770



175.8200, -150.6050, -51.4450



176.2210, 55.1030, 42.1350

Complementary

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



195.7390, -24.3770, -81.3770



143.2610, 24.3770, 81.3770

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.



188.6690, 31.0750, 59.0990



195.7390, -24.3770, -81.3770



191.9750, -77.9410, -13.6930

Square

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



195.7390, -24.3770, -81.3770



178.7550, -151.9800, -54.0600



212.1490, 20.0750, 38.1790



184.7280, 73.8630, -0.5130

Rectangle

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



195.7390, -24.3770, -81.3770



176.7030, -146.2020, -59.6580



212.1490, 20.0750, 38.1790



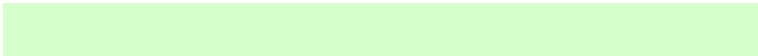
177.8800, 46.2980, 53.0340

Sweetspot

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



195.7390, -24.3770, -81.3770



237.2260, -7.4690, -24.3410



212.0260, 65.8910, -32.2610



117.2900, -4.3530, -14.7290



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.



195.7390, -24.3770, -81.3770



184.2030, -29.2800, -97.1520



189.6210, -61.7910, -75.1270



123.5280, -1.7870, -6.1630



124.6750, -27.4930, -90.9890



41.7540, -9.2560, -30.5040

Inverse Universe

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



143.2610, 24.3770, 81.3770



121.7970, 29.2800, 97.1520



149.3790, 61.7910, 75.1270



119.4720, 1.7870, 6.1630



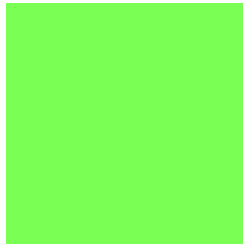
66.3250, 27.4930, 90.9890



22.2460, 9.2560, 30.5040

Previews

White Background



This preview shows how the YIQ color 195.7390, -24.3770, -81.3770 looks on a white background.

Color Contrast Check

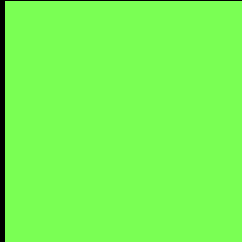
Large Text (above 18pt) WCAG AA × Fail

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 195.7390, -24.3770, -81.3770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

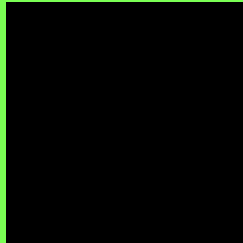
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

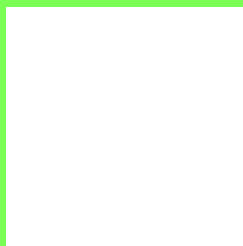
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 195.7390, -24.3770, -81.3770 Background



This preview shows how black text looks on a background with the YIQ color 195.7390, -24.3770, -81.3770.



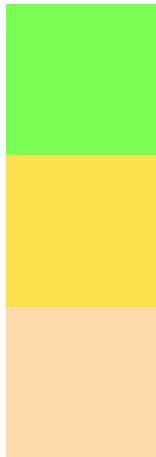
This preview shows how white text looks on a background with the YIQ color 195.7390, -24.3770, -81.3770.

-81.3770.

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

195.7390, -24.3770, -81.3770

Protanopia

215.7880, 63.3250, -40.8270

Deuteranopia

224.2920, 36.8640, -7.2960



Tritanopia

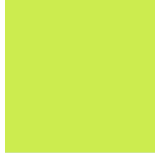
216.6270, -50.4780, -10.3020

Trichromacy



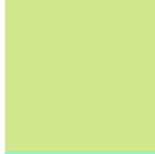
Original Color

195.7390, -24.3770, -81.3770



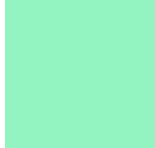
Protanomaly

208.5340, 31.3250, -55.6110



Deuteranomaly

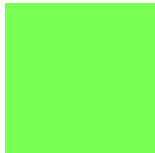
213.9230, 14.9530, -34.2230



Tritanomaly

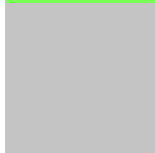
209.1830, -41.4410, -36.4250

Monochromacy



Original Color

195.7390, -24.3770, -81.3770



Achromatopsia

196.0000, -0.0000, -0.0000



Achromatomaly

195.5800, -8.7060, -29.4580

CSS Examples

Text

The CSS property to change the color of the text to YIQ 195.7390, -24.3770, -81.3770 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(122, 255, 84)` looks like.

```
.text, #text, p{  
    color:rgb(122, 255, 84)  
}
```

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(122, 255, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 255, 84) }
```

Border

The CSS property to change the border of an element to YIQ 195.7390, -24.3770, -81.3770 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(122, 255, 84) }
```


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

```
.border{ border-color:rgb(122, 255, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 255, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 255, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 255, 84);  
box-shadow:4px 4px 4px 4px rgb(122, 255,  
84) }
```

Background

The CSS property to change the background color of an element to YIQ 195.7390, -24.3770, -81.3770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 255, 84) }
```

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

```
.background{ background-color: rgb(122,  
255, 84) }
```

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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