

Converting Colors

YIQ(195.0850, -31.1630,
-79.5390)

Have a look what the booklet for
YIQ(195.0850, -31.1630, -79.5390)
contains.

YIQ(195.0850, -31.1630, -79.5390)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(195.0850, -31.1630,
-79.5390)**

Conversions

Conversions Part 1

Format	Color
Hex	74FF5E
RGB	116, 255, 94
RGB Percent	45%, 100%, 37%
CMY	0.5455, 0.0000, 0.6314
CMYK	0.55, 0.00, 0.63, 0.00
HSL	112°, 100%, 68%
HSV	112°, 63%, 100%
XYZ	44.9682, 76.0336, 22.8956
YIQ	195.0850, -31.1630, -79.5390

Conversions

Conversions Part 2

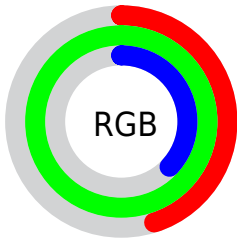
Format	Color
RYB	94, 255, 233
Decimal	7667550
CIELab	89.87, -66.75, 63.61
CIELCh	90, 92.208, 136.379
Yxy	76.0336, 0.3125, 0.5284
Android (android.graphics.Color)	4285857630 (0xFF74FF5E)
YUV	195.0850, -49.8349, -69.3575
Hunter-Lab	87.1973, -60.5415, 45.4701

Details

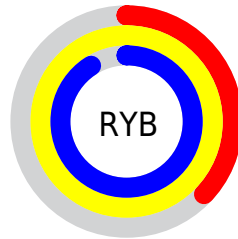
The YIQ color **195.0850, -31.1630, -79.5390** is a light color, and the websafe version is hex **66FF66**. The color can be described as light muted chartreuse. A complement of this color would be **153.9150, 31.1630, 79.5390**, and the grayscale version is **196.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **220.0070, -12.1870, -48.9790**, and **132.3720, -39.4610, -83.3410** is the 20% darker color. If you saturate the color by 10%, you get **185.6570, -36.2500, -91.9780**, and if you desaturate by 10%, it is **204.6270, -26.3970, -66.7890**.

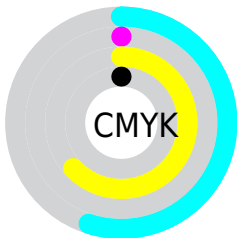
Distribution



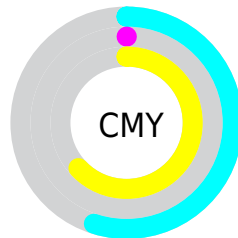
- Red (45%)
- Green (100%)
- Blue (37%)



- Red (37%)
- Yellow (100%)
- Blue (91%)



- Cyan (55%)
- Magenta (0%)
- Yellow (63%)
- Black (0%)



- Cyan (55%)
- Magenta (0%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 195.0850, -31.1630, -79.5390 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 195.0850, -31.1630, -79.5390 by changing the saturation by 10% instead.

■ 195.0850,
-31.1630, -79.5390

■ 195.0850,
-31.1630, -79.5390

■ 255.0000, -0.0000,
-0.0000

■ 165.0030,
-33.8680, -80.0760

■ 220.0070,
-12.1870, -48.9790

■ 132.0730,
-40.0570, -83.5530

■ 232.4680, -2.6990,
-33.6990

■ 99.2030, -46.4750,
-88.3870

■ 244.7440, 5.8720,
-18.3200

■ 83.3540, -39.0500,
-74.2660

■ 252.8340, 6.0990,
-5.9090

■ 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

■ 195.0850,
-31.1630, -79.5390

■ 195.0850,
-31.1630, -79.5390

■ 185.6570,
-36.2500, -91.9780

■ 204.6270,
-26.3970, -66.7890

■ 176.1150,
-41.0160, -104.7280

■ 214.0550,
-21.3100, -54.3500

■ 166.6870,
-46.1030, -117.1670

■ 223.5970,
-16.5440, -41.6000

■ 160.1500,
-49.2650, -125.9450

■ 233.0250,
-11.4570, -29.1610

■ 242.5670, -6.6910,
-16.4110

■ 251.9950, -1.6040,
-3.9720

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.



205.7960, 67.7330, -76.6750



195.0850, -31.1630, -79.5390



170.3190, -128.2260, -77.0740

Triad

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



195.0850, -31.1630, -79.5390



174.6460, -150.0550, -50.3990



178.5860, 55.3330, 37.9650

Complementary

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



195.0850, -31.1630, -79.5390



153.9150, 31.1630, 79.5390

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.



189.2560, 30.8000, 58.5760



195.0850, -31.1630, -79.5390



198.2870, -61.0240, -6.4000

Square

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



195.0850, -31.1630, -79.5390



178.7550, -151.9800, -54.0600



210.9750, 20.6250, 39.2250



186.8480, 73.4050, -3.2270

Rectangle

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



195.0850, -31.1630, -79.5390



177.3870, -148.1280, -57.7920



210.9750, 20.6250, 39.2250



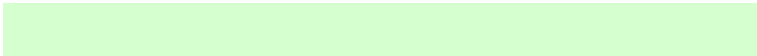
179.5440, 47.1240, 49.0760

Sweetspot

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



195.0850, -31.1630, -79.5390



236.9700, -9.6240, -23.8320



222.5580, 58.2810, -37.5190



116.8060, -5.8660, -14.8420



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.



195.0850, -31.1630, -79.5390



182.9510, -37.2580, -95.7380



194.8910, -62.2510, -66.7870



122.9300, -2.9790, -6.5870



119.8910, -37.0290, -94.3810



40.2590, -12.2360, -31.5640

Inverse Universe

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



153.9150, 31.1630, 79.5390



133.3480, 37.8540, 95.9500



154.1090, 62.2510, 66.7870



119.7710, 2.3830, 6.3750



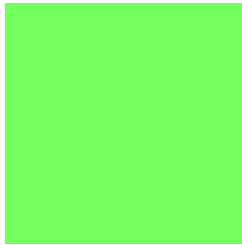
71.1090, 37.0290, 94.3810



23.7410, 12.2360, 31.5640

Previews

White Background



This preview shows how the YIQ color 195.0850, -31.1630, -79.5390 looks on a white background.

Color Contrast Check

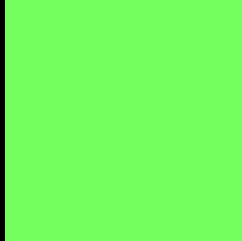
Large Text (above 18pt) WCAG AA × Fail

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 195.0850, -31.1630, -79.5390 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

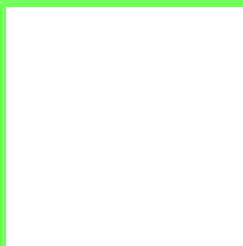
Any Text WCAG AAA ✓ Pass

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

YIQ 195.0850, -31.1630, -79.5390 Background



This preview shows how black text looks on a background with the YIQ color 195.0850, -31.1630, -79.5390.



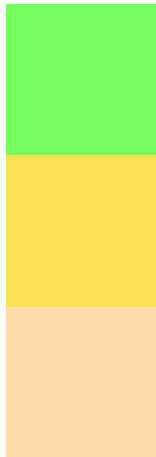
This preview shows how white text looks on a background with the YIQ color 195.0850, -31.1630, -79.5390.

-79.5390.

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

195.0850, -31.1630, -79.5390

Protanopia

216.5150, 59.8400, -38.2400

Deuteranopia

223.7050, 37.1390, -6.7730



Tritanopia

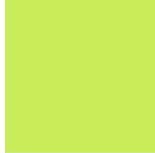
215.7300, -52.2660, -10.9380

Trichromacy



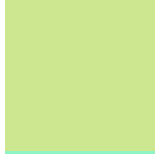
Original Color

195.0850, -31.1630, -79.5390



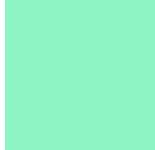
Protanomaly

208.6630, 26.6480, -53.4480



Deuteranomaly

212.8950, 12.1560, -33.0920



Tritanomaly

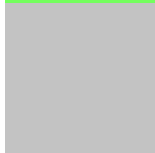
208.3290, -44.7880, -36.3400

Monochromacy



Original Color

195.0850, -31.1630, -79.5390



Achromatopsia

195.0000, -0.0000, 0.0000



Achromatomaly

195.0250, -11.4570, -29.1610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 195.0850, -31.1630, -79.5390 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(116, 255, 94)` looks like.

```
.text, #text, p{  
    color:rgb(116, 255, 94)  
}
```

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(116, 255, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 255, 94) }
```

Border

The CSS property to change the border of an element to YIQ 195.0850, -31.1630, -79.5390 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(116, 255, 94) }
```


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

```
.border{ border-color:rgb(116, 255, 94) }
```

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

Here you see how a box with a 4 pixel rgb(116, 255, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 255, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 255, 94);  
box-shadow:4px 4px 4px 4px rgb(116, 255,  
94) }
```

Background

The CSS property to change the background color of an element to YIQ 195.0850, -31.1630, -79.5390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 255, 94) }
```

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

```
.background{ background-color: rgb(116,  
255, 94) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor