

Converting Colors

YIQ(195.9540, -32.1720,
-77.7720)

Have a look what the booklet for
YIQ(195.9540, -32.1720, -77.7720)
contains.

YIQ(195.9540, -32.1720, -77.7720)	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(195.9540, -32.1720,
-77.7720)**

Conversions

Conversions Part 1

Format	Color
Hex	75FF63
RGB	117, 255, 99
RGB Percent	46%, 100%, 39%
CMY	0.5416, 0.0000, 0.6118
CMYK	0.54, 0.00, 0.61, 0.00
HSL	113°, 100%, 69%
HSV	113°, 61%, 100%
XYZ	45.3336, 76.1952, 24.1218
YIQ	195.9540, -32.1720, -77.7720

Conversions

Conversions Part 2

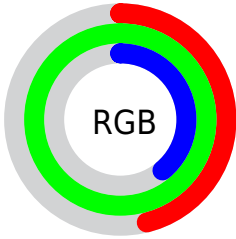
Format	Color
RYB	99, 255, 237
Decimal	7733091
CIELab	89.95, -66.02, 61.66
CIELCh	90, 90.334, 136.959
Yxy	76.1952, 0.3112, 0.5231
Android (android.graphics.Color)	4285923171 (0xFF75FF63)
YUV	195.9540, -47.7983, -69.2427
Hunter-Lab	87.2899, -60.0541, 44.7187

Details

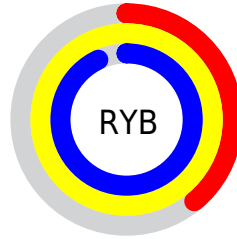
The YIQ color **195.9540, -32.1720, -77.7720** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **158.0460, 32.1720, 77.7720**, and the grayscale version is **196.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **220.8760, -13.1960, -47.2120**, and **133.7680, -40.5160, -80.7400** is the 20% darker color. If you saturate the color by 10%, you get **186.2270, -37.8550, -90.4230**, and if you desaturate by 10%, it is **205.4960, -27.4060, -65.0220**.

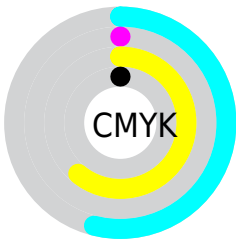
Distribution



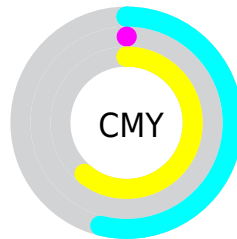
- Red (46%)
- Green (100%)
- Blue (39%)



- Red (39%)
- Yellow (100%)
- Blue (93%)



- Cyan (54%)
- Magenta (0%)
- Yellow (61%)
- Black (0%)



- Cyan (54%)
- Magenta (0%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 195.9540, -32.1720, -77.7720 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 195.9540, -32.1720, -77.7720 by changing the saturation by 10% instead.

195.9540,
-32.1720, -77.7720

195.9540,
-32.1720, -77.7720

255.0000, -0.0000,
-0.0000

165.8720,
-34.8770, -78.3090

220.8760,
-13.1960, -47.2120

133.7680,
-40.5160, -80.7400

233.0380, -4.3040,
-32.1440

99.2030, -46.4750,
-88.3870

245.6130, 4.8630,
-16.5530

83.3540, -39.0500,
-74.2660

253.4040, 4.4940,
-4.3540

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

■ 195.9540,
-32.1720, -77.7720

■ 195.9540,
-32.1720, -77.7720

■ 186.2270,
-37.8550, -90.4230

■ 205.4960,
-27.4060, -65.0220

■ 176.6850,
-42.6210, -103.1730

■ 215.2230,
-21.7230, -52.3710

■ 166.9580,
-48.3040, -115.8240

■ 225.0640,
-16.3610, -39.4090

■ 158.3560,
-52.8410, -127.2170

■ 234.4920,
-11.2740, -26.9700

■ 244.3330, -5.9120,
-14.0080

■ 253.7610, -0.8250,
-1.5690

■ 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.



207.6630, 61.0380, -70.9780



195.9540, -32.1720, -77.7720



170.6610, -129.1890, -76.1410

Triad

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



195.9540, -32.1720, -77.7720



174.0590, -149.7800, -49.8760



180.2330, 54.8290, 36.0850

Complementary

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



195.9540, -32.1720, -77.7720



158.0460, 32.1720, 77.7720

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.



191.0170, 29.9750, 57.0070



195.9540, -32.1720, -77.7720



200.9780, -55.6600, -4.4920

Square

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



195.9540, -32.1720, -77.7720



178.7550, -151.9800, -54.0600



211.5620, 20.3500, 38.7020



188.8370, 71.9380, -4.1740

Rectangle

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



195.9540, -32.1720, -77.7720



177.6150, -148.7700, -57.1700



211.5620, 20.3500, 38.7020



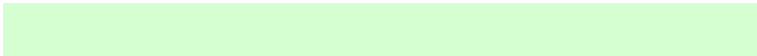
181.7780, 46.3450, 46.6730

Sweetspot

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



195.9540, -32.1720, -77.7720



237.4970, -9.6700, -22.9980



226.6500, 55.0260, -39.1020



117.2190, -5.5910, -14.3190



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.



195.9540, -32.1720, -77.7720



184.4610, -38.6340, -92.8260



197.4120, -62.1600, -62.9280



122.9300, -2.9790, -6.5870



118.6950, -39.4130, -95.2290



39.6610, -13.4280, -31.9880

Inverse Universe

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



158.0460, 32.1720, 77.7720



139.5390, 38.6340, 92.8260



156.5880, 62.1600, 62.9280



119.7710, 2.3830, 6.3750



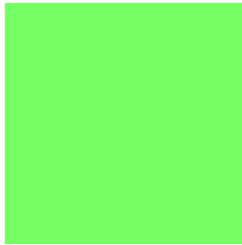
72.3050, 39.4130, 95.2290



24.0400, 12.8320, 31.7760

Previews

White Background



This preview shows how the YIQ color 195.9540, -32.1720, -77.7720 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 195.9540, -32.1720, -77.7720 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 195.9540, -32.1720, -77.7720 Background



This preview shows how black text looks on a background with the YIQ color 195.9540, -32.1720, -77.7720.



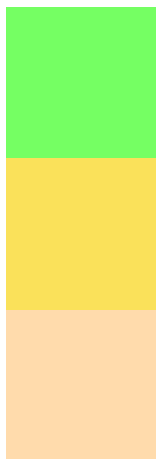
This preview shows how white text looks on a background with the YIQ color 195.9540, -32.1720, -77.7720.

-77.7720.

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

195.9540, -32.1720, -77.7720

Protanopia

217.0850, 58.2350, -36.6850

Deuteranopia

224.4060, 36.5430, -6.9850



Tritanopia

216.6160, -51.9450, -11.2490

Trichromacy



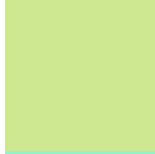
Original Color

195.9540, -32.1720, -77.7720



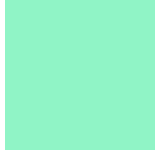
Protanomaly

209.5320, 25.6390, -51.6810



Deuteranomaly

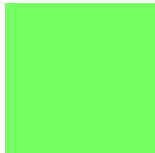
214.0090, 11.8350, -32.7810



Tritanomaly

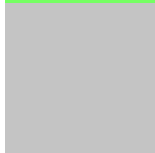
208.8560, -44.8340, -35.5060

Monochromacy



Original Color

195.9540, -32.1720, -77.7720



Achromatopsia

196.0000, -0.0000, -0.0000



Achromatomaly

195.6660, -11.8240, -28.0160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 195.9540, -32.1720, -77.7720 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, 99)` looks like.

```
.text, #text, p{  
    color:rgb(117, 255, 99)  
}
```

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, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 255, 99) }
```

Border

The CSS property to change the border of an element to YIQ 195.9540, -32.1720, -77.7720 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, 99) }
```


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

```
.border{ border-color:rgb(117, 255, 99) }
```

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, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 255, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 255, 99);  
box-shadow:4px 4px 4px 4px rgb(117, 255,  
99) }
```

Background

The CSS property to change the background color of an element to YIQ 195.9540, -32.1720, -77.7720 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, 99) }
```

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

```
.background{ background-color: rgb(117,  
255, 99) }
```

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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