

Converting Colors

YIQ(177.5780, -77.4270,
-67.0830)

Have a look what the booklet for
YIQ(177.5780, -77.4270, -67.0830)
contains.

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Color

**YIQ(177.5780, -77.4270,
-67.0830)**

Conversions

Conversions Part 1

Format	Color
Hex	3EF295
RGB	62, 242, 149
RGB Percent	24%, 95%, 58%
CMY	0.7573, 0.0507, 0.4159
CMYK	0.74, 0.00, 0.38, 0.05
HSL	149°, 87%, 60%
HSV	149°, 74%, 95%
XYZ	39.1734, 66.7373, 39.2256
YIQ	177.5780, -77.4270, -67.0830

Conversions

Conversions Part 2

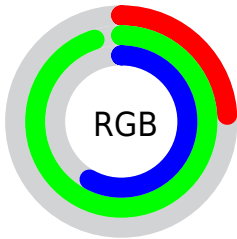
Format	Color
RYB	62, 183, 242
Decimal	4125333
CIELab	85.37, -64.85, 32.47
CIELCh	85, 72.523, 153.404
Yxy	66.7373, 0.2699, 0.4598
Android (android.graphics.Color)	4282315413 (0xFF3EF295)
YUV	177.5780, -14.0890, -101.3619
Hunter-Lab	81.6929, -57.3681, 28.7164

Details

The YIQ color **177.5780, -77.4270, -67.0830** is a light color, and the websafe version is hex **33FF99**. The color can be described as light washed spring green. A complement of this color would be **126.4220, 77.4270, 67.0830**, and the grayscale version is **178.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **212.7080, -56.3410, -41.7250**, and **119.0660, -81.7370, -66.0650** is the 20% darker color. If you saturate the color by 10%, you get **168.9200, -87.5580, -76.2140**, and if you desaturate by 10%, it is **186.1220, -66.9750, -58.2630**.

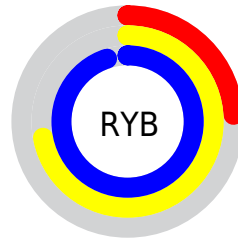
Distribution



Red (24%)

Green (95%)

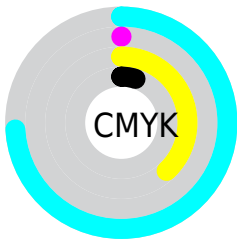
Blue (58%)



Red (24%)

Yellow (72%)

Blue (95%)

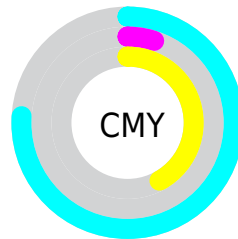


Cyan (74%)

Magenta (0%)

Yellow (38%)

Black (5%)



Cyan (76%)

Magenta (5%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 177.5780, -77.4270, -67.0830 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 177.5780, -77.4270, -67.0830 by changing the saturation by 10% instead.

■ 177.5780,
-77.4270, -67.0830

■ 177.5780,
-77.4270, -67.0830

■ 255.0000, -0.0000,
-0.0000

■ 139.0530,
-98.0580, -73.1460

■ 212.7080,
-56.3410, -41.7250

■ 119.6530,
-82.0120, -66.5880

■ 225.4680,
-46.2570, -26.2330

■ 100.3670,
-66.2870, -59.7190

■ 237.6580,
-34.5680, -12.2960

■ 81.1950, -50.8830,
-52.5390

■ 246.9270,
-16.0920, -5.7240

■ 63.1970, -36.0290,
-46.4050

■ 45.1990, -21.1750,
-40.2710

■ 31.6980, -14.8500,

-28.2420

■ 15.8490, -7.4250,
-14.1210

■ 0.0000, 0.0000,
0.0000

■ 177.5780,
-77.4270, -67.0830

■ 177.5780,
-77.4270, -67.0830

■ 168.9200,
-87.5580, -76.2140

■ 186.1220,
-66.9750, -58.2630

■ 160.0770,
-98.6060, -85.2460

■ 194.7800,
-56.8440, -49.1320

■ 155.3920,
-104.1070, -90.1790

■ 203.6230,
-45.7960, -40.1000

■ 212.2810,
-35.6650, -30.9690

■ 220.9390,
-25.5340, -21.8380

■ 229.4830,
-15.0820, -13.0180

■ 238.1410, -4.9510,
-3.8870

■ 246.6850, 5.5010,
4.9330

■ 247.3690, 3.5750,
6.7990

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



197.3990, 9.7760, -56.0480



177.5780, -77.4270, -67.0830



169.9550, -138.2240, -61.0720

Triad

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



177.5780, -77.4270, -67.0830



178.8630, -98.2970, -19.2330



186.9400, 62.1230, 14.0190

Complementary

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



177.5780, -77.4270, -67.0830



126.4220, 77.4270, 67.0830

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.



188.0070, 43.9620, 40.2980



177.5780, -77.4270, -67.0830



209.3480, 0.0410, 26.8010

Square

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



177.5780, -77.4270, -67.0830



167.6020, -146.7550, -44.1230



201.5830, 25.0250, 47.5930



196.1600, 71.9860, -16.0620

Rectangle

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



177.5780, -77.4270, -67.0830



173.4720, -149.5050, -49.3530



201.5830, 25.0250, 47.5930



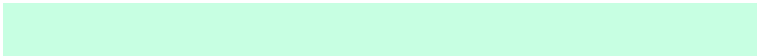
185.8120, 57.0320, 23.6880

Sweetspot

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



177.5780, -77.4270, -67.0830



234.9500, -24.0670, -20.8910



196.3640, 7.7160, -73.7880



115.7820, -14.4860, -12.8060



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.



177.5780, -77.4270, -67.0830



173.7890, -97.7350, -84.5110



187.4960, -105.3540, -40.0260



115.7280, -5.2260, -4.4100



118.1540, -79.1690, -68.5530



35.9500, -24.0670, -20.8910

Inverse Universe

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



126.4220, 77.4270, 67.0830



109.2110, 97.7350, 84.5110



116.5040, 105.3540, 40.0260



112.2720, 5.2260, 4.4100



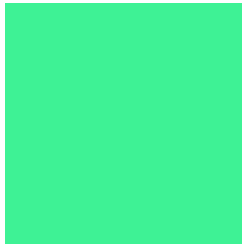
65.8460, 79.1690, 68.5530



20.0500, 24.0670, 20.8910

Previews

White Background



This preview shows how the YIQ color 177.5780, -77.4270, -67.0830 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 177.5780, -77.4270, -67.0830 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 177.5780, -77.4270, -67.0830 Background



This preview shows how black text looks on a background with the YIQ color 177.5780, -77.4270, -67.0830.

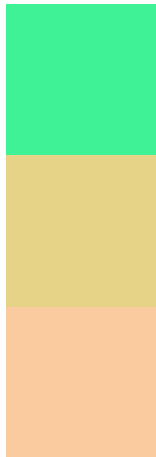


This preview shows how white text looks on a background with the YIQ color 177.5780, -77.4270, -67.0830.

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

177.5780, -77.4270, -67.0830

Protanopia

208.1310, 35.3990, -19.2970

Deuteranopia

211.6240, 41.8610, -4.2430



Tritanopia

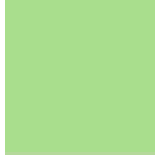
194.4920, -81.1950, -20.8030

Trichromacy



Original Color

177.5780, -77.4270, -67.0830



Protanomaly

196.9190, -5.5870, -36.4270



Deuteranomaly

199.1680, -1.5540, -26.9140



Tritanomaly

188.2510, -79.6790, -37.2710

Monochromacy



Original Color

177.5780, -77.4270, -67.0830



Achromatopsia

178.0000, -0.0000, -0.0000



Achromatomaly

177.6890, -27.8260, -24.3540

CSS Examples

Text

The CSS property to change the color of the text to YIQ 177.5780, -77.4270, -67.0830 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(62, 242, 149)` looks like.

```
.text, #text, p{  
    color:rgb(62, 242, 149)  
}
```

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(62, 242, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 242, 149) }
```

Border

The CSS property to change the border of an element to YIQ 177.5780, -77.4270, -67.0830 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(62, 242, 149) }
```


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

```
.border{ border-color:rgb(62, 242, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 242, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 242, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 242, 149);  
box-shadow:4px 4px 4px 4px rgb(62, 242,  
149) }
```

Background

The CSS property to change the background color of an element to YIQ 177.5780, -77.4270, -67.0830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 242, 149) }
```

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

```
.background{ background-color: rgb(62, 242,  
149) }
```

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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