

Converting Colors

YIQ(176.5770, -32.1280,
-67.5520)

Have a look what the booklet for
YIQ(176.5770, -32.1280, -67.5520)
contains.

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Color

**YIQ(176.5770, -32.1280,
-67.5520)**

Conversions

Conversions Part 1

Format	Color
Hex	68E561
RGB	104, 229, 97
RGB Percent	41%, 90%, 38%
CMY	0.5925, 0.1017, 0.6196
CMYK	0.55, 0.00, 0.58, 0.10
HSL	117°, 72%, 64%
HSV	117°, 58%, 90%
XYZ	35.8888, 59.8677, 20.9718
YIQ	176.5770, -32.1280, -67.5520

Conversions

Conversions Part 2

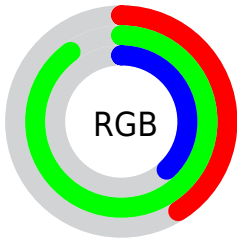
Format	Color
R_{YB}	97, 229, 222
Decimal	6874465
CIE _{Lab}	81.77, -60.02, 53.06
CIE _{LCh}	82, 80.108, 138.520
Yxy	59.8677, 0.3075, 0.5129
Android (android.graphics.Color)	4285064545 (0xFF68E561)
YUV	176.5770, -39.2315, -63.6500
Hunter-Lab	77.3742, -52.6105, 38.0918

Details

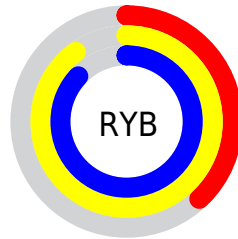
The YIQ color **176.5770, -32.1280, -67.5520** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **149.4230, 32.1280, 67.5520**, and the grayscale version is **177.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **215.9350, -20.8520, -51.6360**, and **115.4340, -42.0310, -69.7990** is the 20% darker color. If you saturate the color by 10%, you get **167.3770, -37.8570, -79.3690**, and if you desaturate by 10%, it is **185.7770, -26.3990, -55.7350**.

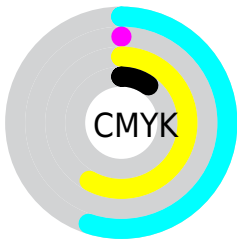
Distribution



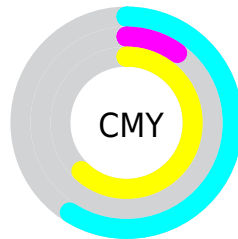
- Red (41%)
- Green (90%)
- Blue (38%)



- Red (38%)
- Yellow (90%)
- Blue (87%)



- Cyan (55%)
- Magenta (0%)
- Yellow (58%)
- Black (10%)



- Cyan (59%)
- Magenta (10%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 176.5770, -32.1280, -67.5520 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 176.5770, -32.1280, -67.5520 by changing the saturation by 10% instead.

■ 176.5770,
-32.1280, -67.5520

■ 176.5770,
-32.1280, -67.5520

■ 255.0000, -0.0000,
-0.0000

■ 146.9080,
-34.5580, -67.5660

■ 215.9350,
-20.8520, -51.6360

■ 115.4340,
-42.0310, -69.7990

■ 228.0970,
-11.9600, -36.5680

■ 85.7990, -41.8010,
-73.9690

■ 240.2590, -3.0680,
-21.5000

■ 69.2660, -32.4500,
-61.7140

■ 252.8340, 6.0990,
-5.9090

■ 54.0040, -25.3000,
-48.1160

■ 39.3290, -18.4250,
-35.0410

■ 26.4150, -12.3750,

-23.5350

■ 7.0440, -3.3000,
-6.2760

■ 0.0000, 0.0000,
0.0000

■ 176.5770,
-32.1280, -67.5520

■ 176.5770,
-32.1280, -67.5520

■ 167.3770,
-37.8570, -79.3690

■ 185.7770,
-26.3990, -55.7350

■ 158.1770,
-43.5860, -91.1860


■ 194.6780,
-21.2660, -44.1300


■ 149.2760,
-48.7190, -102.7910


■ 203.8780,
-15.5370, -32.3130

■ 140.0760,
-54.4480, -114.6080

■ 213.0780, -9.8080,
-20.4960

 138.0110,
-55.8230, -117.2230

 221.9790, -4.6750,
-8.8910

 231.0650, 1.3750,
2.6150

 239.7380, 7.1500,
13.5980

Harmonies

Analogous

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



188.7390, 46.6850, -58.6510



176.5770, -32.1280, -67.5520



158.6130, -120.0660, -70.7700

Triad

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



176.5770, -32.1280, -67.5520



158.2100, -142.3550, -35.7550



172.5560, 64.0450, 34.2610

Complementary

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



176.5770, -32.1280, -67.5520



149.4230, 32.1280, 67.5520

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.



181.6930, 39.6950, 57.0630



176.5770, -32.1280, -67.5520



187.1890, -48.4640, 8.2720

Square

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



176.5770, -32.1280, -67.5520



166.4280, -146.2050, -43.0770



200.4090, 25.5750, 48.6390



179.4790, 78.9980, 0.0380

Rectangle

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



176.5770, -32.1280, -67.5520



165.7150, -137.3080, -55.6440



200.4090, 25.5750, 48.6390



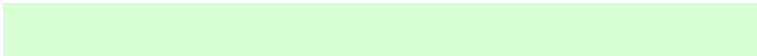
173.0580, 57.1200, 44.1280

Sweetspot

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



176.5770, -32.1280, -67.5520



237.8390, -10.6330, -22.0650



208.6690, 44.8470, -36.3450



117.5610, -6.5540, -13.3860



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.



176.5770, -32.1280, -67.5520



185.0030, -43.0360, -90.1400



180.9820, -54.5970, -51.3090



110.3430, -2.7040, -6.0640



107.7640, -43.8610, -91.7090



30.8340, -12.2370, -26.0370

Inverse Universe

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



149.4230, 32.1280, 67.5520



148.9970, 43.0360, 90.1400



145.0180, 54.5970, 51.3090



107.6570, 2.7040, 6.0640



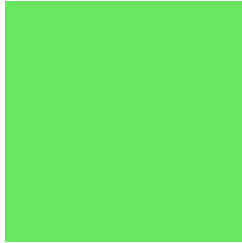
70.9370, 43.2650, 91.4970



20.1660, 12.2370, 26.0370

Previews

White Background



This preview shows how the YIQ color 176.5770, -32.1280, -67.5520 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 176.5770, -32.1280, -67.5520 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 176.5770, -32.1280, -67.5520 Background



This preview shows how black text looks on a background with the YIQ color 176.5770, -32.1280, -67.5520.



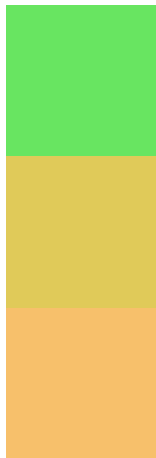
This preview shows how white text looks on a background with the YIQ color 176.5770, -32.1280, -67.5520.

-67.5520.

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

176.5770, -32.1280, -67.5520

Protanopia

195.6960, 49.3850, -30.4790

Deuteranopia

198.7550, 60.0650, -14.7750



Tritanopia

192.7190, -53.7330, -11.8850

Trichromacy



Original Color

176.5770, -32.1280, -67.5520



Protanomaly

188.7520, 19.4480, -44.1040



Deuteranomaly

190.3820, 26.7820, -33.8420



Tritanomaly

186.7790, -45.9350, -32.0710

Monochromacy



Original Color

176.5770, -32.1280, -67.5520



Achromatopsia

177.0000, -0.0000, 0.0000



Achromatomaly

176.7740, -12.0080, -24.6800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 176.5770, -32.1280, -67.5520 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(104, 229, 97)` looks like.

```
.text, #text, p{  
    color:rgb(104, 229, 97)  
}
```

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(104, 229, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 229, 97) }
```

Border

The CSS property to change the border of an element to YIQ 176.5770, -32.1280, -67.5520 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(104, 229, 97) }
```


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

```
.border{ border-color:rgb(104, 229, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 229, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 229, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 229, 97);  
box-shadow:4px 4px 4px 4px rgb(104, 229,  
97) }
```

Background

The CSS property to change the background color of an element to YIQ 176.5770, -32.1280, -67.5520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 229, 97) }
```

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

```
.background{ background-color: rgb(104,  
229, 97) }
```

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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