

Converting Colors

YIQ(128.9560, -67.7620,
-16.4500)

Have a look what the booklet for
YIQ(128.9560, -67.7620, -16.4500)
contains.

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Color

**YIQ(128.9560, -67.7620,
-16.4500)**

Conversions

Conversions Part 1

Format	Color
Hex	369EB0
RGB	54, 158, 176
RGB Percent	21%, 62%, 69%
CMY	0.7884, 0.3802, 0.3101
CMYK	0.69, 0.10, 0.00, 0.31
HSL	189°, 53%, 45%
HSV	189°, 69%, 69%
XYZ	21.5818, 28.3830, 45.3779
YIQ	128.9560, -67.7620, -16.4500

Conversions

Conversions Part 2

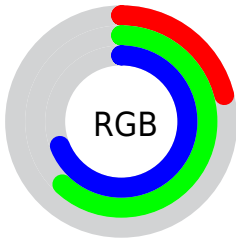
Format	Color
R _Y B	54, 110, 176
Decimal	3579568
CIE Lab	60.23, -23.55, -17.95
CIE LCh	60, 29.617, 217.317
Yxy	28.3830, 0.2264, 0.2977
Android (android.graphics.Color)	4281769648 (0xFF369EB0)
YUV	128.9560, 23.1927, -65.7364
Hunter-Lab	53.2757, -20.9229, -13.2076

Details

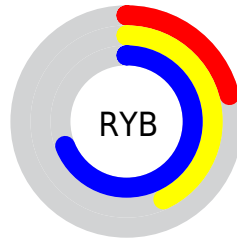
The YIQ color **128.9560, -67.7620, -16.4500** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **101.0440, 67.7620, 16.4500**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.4620, -63.3150, -14.4430**, and **76.2440, -68.6330, -17.1850** is the 20% darker color. If you saturate the color by 10%, you get **121.8130, -77.6650, -18.6970**, and if you desaturate by 10%, it is **136.0990, -57.8590, -14.2030**.

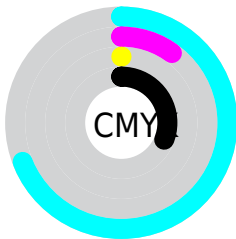
Distribution



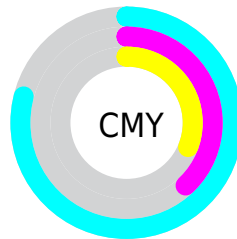
- Red (21%)
- Green (62%)
- Blue (69%)



- Red (21%)
- Yellow (43%)
- Blue (69%)



- Cyan (69%)
- Magenta (10%)
- Yellow (0%)
- Black (31%)



- Cyan (79%)
- Magenta (38%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 128.9560, -67.7620, -16.4500 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 128.9560, -67.7620, -16.4500 by changing the saturation by 10% instead.

■ 128.9560,
-67.7620, -16.4500

■ 128.9560,
-67.7620, -16.4500

■ 255.0000, -0.0000,
-0.0000

■ 94.4700, -84.1290,
-22.6970

■ 186.1630,
-63.9110, -14.6550

■ 76.2440, -68.6330,
-17.1850

■ 214.1910,
-61.1140, -15.7860

■ 59.3060, -54.0080,
-12.4080

■ 231.0800,
-47.6800, -16.9600

■ 42.5960, -40.0250,
-7.0090

■ 240.0500,
-29.8000, -10.6000

■ 27.6470, -26.8670,
-3.1790

■ 248.7210,
-12.5160, -4.4520

■ 5.2950, -10.7760,
8.0720

■ 0.3420, -0.9630,

0.9330

■ 0.0000, 0.0000,
0.0000

■ 128.9560,
-67.7620, -16.4500

■ 128.9560,
-67.7620, -16.4500

■ 121.8130,
-77.6650, -18.6970

■ 136.0990,
-57.8590, -14.2030

■ 115.5560,
-87.2470, -21.2550

■ 142.3560,
-48.2770, -11.6450

■ 108.4130,
-97.1500, -23.5020

■ 149.4990,
-38.3740, -9.3980

■ 108.1140,
-97.7460, -23.7140

■ 155.7560,
-28.7920, -6.8400

■ 162.8990,
-18.8890, -4.5930

■ 170.0420, -8.9860,
-2.3460

■ 176.2990, 0.5960,
0.2120

■ 183.4420, 10.4990,
2.4590

■ 189.6990, 20.0810,
5.0170

Harmonies

Analogous

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



130.5800, -52.2640, -21.9920



128.9560, -67.7620, -16.4500



135.4340, -56.9440, -3.2480

Triad

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



128.9560, -67.7620, -16.4500



149.0760, 21.1780, 23.6900



143.2470, 23.5690, -14.1510

Complementary

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



128.9560, -67.7620, -16.4500



101.0440, 67.7620, 16.4500

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.



145.4110, 38.1470, -3.0130



128.9560, -67.7620, -16.4500



147.9390, 37.5010, 19.7170

Square

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



128.9560, -67.7620, -16.4500



148.0930, -3.8550, 20.3130



146.8390, 43.2340, 9.4260



139.8250, 1.1500, -20.8500

Rectangle

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



128.9560, -67.7620, -16.4500



141.0280, -40.7610, 6.3350



146.8390, 43.2340, 9.4260



143.8780, 29.1620, -10.8860

Sweetspot

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



128.9560, -67.7620, -16.4500



210.6530, -27.0040, -6.2040



127.4380, -38.6860, -58.8300



103.9810, -16.1840, -4.0560



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



128.9560, -67.7620, -16.4500



156.4550, -106.1360, -25.8480



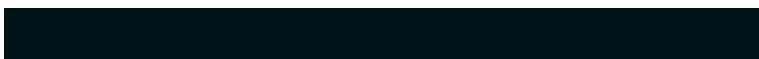
94.3230, -51.5370, 14.4070



83.1350, -4.8140, -0.8620



92.2360, -83.3500, -20.2940



14.3620, -12.8830, -3.3070

Inverse Universe

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



102.3340, 39.3280, 58.2080



114.6910, 61.5130, 91.1850



135.6770, 51.5370, -14.4070



81.4890, 3.1170, 4.0850



59.4420, 48.3120, 71.6080



9.1570, 7.2880, 11.0960

Previews

White Background



This preview shows how the YIQ color 128.9560, -67.7620, -16.4500 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 128.9560, -67.7620, -16.4500 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 × Fail

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

YIQ 128.9560, -67.7620, -16.4500 Background



This preview shows how black text looks on a background with the YIQ color 128.9560, -67.7620, -16.4500.



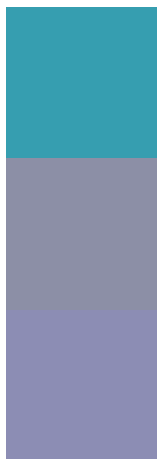
This preview shows how white text looks on a background with the YIQ color 128.9560, -67.7620, -16.4500.

-16.4500.

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

128.9560, -67.7620, -16.4500

Protanopia

144.7250, -9.1710, 6.5170

Deuteranopia

145.1470, -13.1150, 11.9170



Tritanopia

128.1900, -68.5410, -18.8530

Trichromacy



Original Color

128.9560, -67.7620, -16.4500

Protanomaly

138.8470, -30.3060, -1.4260

Deuteranomaly

139.2860, -32.9200, 1.8960

Tritanomaly

128.6030, -68.2660, -18.3300

Monochromacy



Original Color

128.9560, -67.7620, -16.4500

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

129.3220, -24.5740, -6.1900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 128.9560, -67.7620, -16.4500 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(54, 158, 176)` looks like.

```
.text, #text, p{  
    color:rgb(54, 158, 176)  
}
```

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(54, 158, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 158, 176) }
```

Border

The CSS property to change the border of an element to YIQ 128.9560, -67.7620, -16.4500 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(54, 158, 176) }
```


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

```
.border{ border-color:rgb(54, 158, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 158, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 158, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 158, 176);  
box-shadow:4px 4px 4px 4px rgb(54, 158,  
176) }
```

Background

The CSS property to change the background color of an element to YIQ 128.9560, -67.7620, -16.4500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 158, 176) }
```

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

```
.background{ background-color: rgb(54, 158,  
176) }
```

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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