

Converting Colors

YIQ(158.0560, -21.9100,
-32.4540)

Have a look what the booklet for
YIQ(158.0560, -21.9100, -32.4540)
contains.

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Color

**YIQ(158.0560, -21.9100,
-32.4540)**

Conversions

Conversions Part 1

Format	Color
Hex	75B97F
RGB	117, 185, 127
RGB Percent	46%, 73%, 50%
CMY	0.5414, 0.2744, 0.5020
CMYK	0.37, 0.00, 0.31, 0.27
HSL	129°, 33%, 59%
HSV	129°, 37%, 73%
XYZ	28.5143, 40.0203, 26.2968
YIQ	158.0560, -21.9100, -32.4540

Conversions

Conversions Part 2

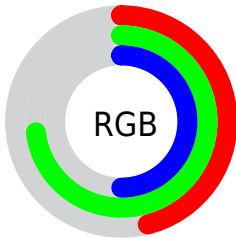
Format	Color
RYB	117, 176, 185
Decimal	7715199
CIELab	69.48, -33.75, 22.84
CIELCh	69, 40.748, 145.915
Yxy	40.0203, 0.3007, 0.4220
Android (android.graphics.Color)	4285905279 (0xFF75B97F)
YUV	158.0560, -15.3106, -36.0061
Hunter-Lab	63.2616, -30.2512, 19.6372

Details

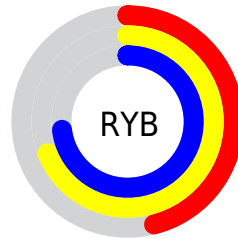
The YIQ color **158.0560, -21.9100, -32.4540** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **143.9440, 21.9100, 32.4540**, and the grayscale version is **158.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **213.1160, -22.1390, -33.8110**, and **105.1100, -22.0020, -30.7860** is the 20% darker color. If you saturate the color by 10%, you get **150.5510, -28.0980, -41.4580**, and if you desaturate by 10%, it is **165.2620, -16.3180, -23.6620**.

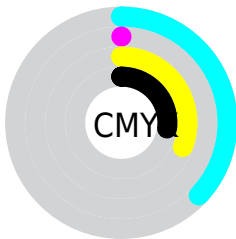
Distribution



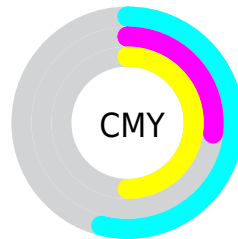
- Red (46%)
- Green (73%)
- Blue (50%)



- Red (46%)
- Yellow (69%)
- Blue (73%)



- Cyan (37%)
- Magenta (0%)
- Yellow (31%)
- Black (27%)



- Cyan (54%)
- Magenta (27%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 158.0560, -21.9100, -32.4540 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 158.0560, -21.9100, -32.4540 by changing the saturation by 10% instead.

■ 158.0560,
-21.9100, -32.4540

■ 158.0560,
-21.9100, -32.4540

■ 255.0000, -0.0000,
-0.0000

■ 131.5830,
-21.9560, -31.6200

■ 213.7030,
-22.4140, -34.3340

■ 104.8110,
-22.5980, -30.9980

■ 232.8980,
-18.2890, -26.4890

■ 79.7400, -23.8360,
-30.5880

■ 244.7610, -9.9930,
-11.6330

■ 52.0920, -30.7590,
-31.7750

■ 34.4850, -18.5640,
-27.0120

■ 21.7190, -10.1750,
-19.3510

■ 0.0000, 0.0000,

0.0000

■ 158.0560,
-21.9100, -32.4540

■ 158.0560,
-21.9100, -32.4540

■ 150.5510,
-28.0980, -41.4580

■ 165.2620,
-16.3180, -23.6620

■ 143.3450,
-33.6900, -50.2500

■ 172.7670,
-10.1300, -14.6580

■ 135.9540,
-40.1990, -58.9430

■ 179.8590, -4.2170,
-6.1770

■ 128.7480,
-45.7910, -67.7350

■ 187.3640, 1.9710,
2.8270

■ 121.2430,
-51.9790, -76.7390

■ 194.5700, 7.5630,
11.6190

■ 114.0370,
-57.5710, -85.5310

■ 202.0750, 13.7510,
20.6230

■ 111.6730,
-59.5420, -88.3580

■ 209.1670, 19.6640,
29.1040

■ 213.6820, 19.8920,
35.9880

■ 213.9100, 19.2500,
36.6100

Harmonies

Analogous

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



163.6660, 14.5390, -26.7170



158.0560, -21.9100, -32.4540



148.0630, -67.3460, -35.0100

Triad

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



158.0560, -21.9100, -32.4540



161.5230, -64.1440, 6.0960



171.5470, 59.0960, 19.3200

Complementary

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



158.0560, -21.9100, -32.4540



143.9440, 21.9100, 32.4540

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.



173.3950, 45.3850, 31.0250



158.0560, -21.9100, -32.4540



171.6320, -21.3700, 23.8620

Square

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



158.0560, -21.9100, -32.4540



134.2280, -124.4300, -24.7020



174.7200, 16.7290, 32.7370



169.9250, 57.3110, 2.1030

Rectangle

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



158.0560, -21.9100, -32.4540



132.4890, -112.6440, -40.0680



174.7200, 16.7290, 32.7370



172.0400, 56.3900, 24.3100

Sweetspot

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



158.0560, -21.9100, -32.4540



229.3050, -8.7090, -12.8770



174.5570, 16.4640, -23.0560



113.7340, -5.3630, -7.4350



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



158.0560, -21.9100, -32.4540



198.0460, -34.2860, -50.4620



161.8180, -32.5030, -22.1910



88.3970, -2.7960, -4.3960



94.1940, -50.2830, -74.4350



16.8920, -8.9840, -13.4000

Inverse Universe

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



143.9440, 21.9100, 32.4540



175.9540, 34.2860, 50.4620



140.1820, 32.5030, 22.1910



86.4890, 3.1170, 4.0850



61.8060, 50.2830, 74.4350



11.1080, 8.9840, 13.4000

Previews

White Background



This preview shows how the YIQ color 158.0560, -21.9100, -32.4540 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 158.0560, -21.9100, -32.4540 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 158.0560, -21.9100, -32.4540 Background



This preview shows how black text looks on a background with the YIQ color 158.0560, -21.9100, -32.4540.



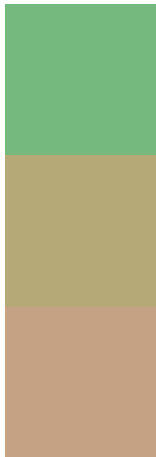
This preview shows how white text looks on a background with the YIQ color 158.0560, -21.9100, -32.4540.

-32.4540.

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

158.0560, -21.9100, -32.4540

Protanopia

167.3010, 23.4770, -12.4830

Deuteranopia

169.3440, 31.0860, -1.6980



Tritanopia

164.5430, -32.5060, -5.6100

Trichromacy



Original Color

158.0560, -21.9100, -32.4540

Protanomaly

163.9890, 6.5600, -19.7760

Deuteranomaly

165.1410, 12.2440, -12.6520

Tritanomaly

162.1870, -28.9280, -15.3920

Monochromacy



Original Color

158.0560, -21.9100, -32.4540

Achromatopsia

158.0000, -0.0000, 0.0000

Achromatomaly

158.1310, -8.1590, -11.8310

CSS Examples

Text

The CSS property to change the color of the text to YIQ 158.0560, -21.9100, -32.4540 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, 185, 127)` looks like.

```
.text, #text, p{  
    color:rgb(117, 185, 127)  
}
```

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, 185, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 185, 127) }
```

Border

The CSS property to change the border of an element to YIQ 158.0560, -21.9100, -32.4540 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, 185, 127) }
```


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

```
.border{ border-color:rgb(117, 185, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 185, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 185, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 185, 127);  
box-shadow:4px 4px 4px 4px rgb(117, 185,  
127) }
```

Background

The CSS property to change the background color of an element to YIQ 158.0560, -21.9100, -32.4540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 185, 127) }
```

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

```
.background{ background-color: rgb(117,  
185, 127) }
```

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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