

Converting Colors

YIQ(155.9820, -27.0930,
-21.1170)

Have a look what the booklet for
YIQ(155.9820, -27.0930, -21.1170)
contains.

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Color

**YIQ(155.9820, -27.0930,
-21.1170)**

Conversions

Conversions Part 1

Format	Color
Hex	75B196
RGB	117, 177, 150
RGB Percent	46%, 69%, 59%
CMY	0.5413, 0.3058, 0.4118
CMYK	0.34, 0.00, 0.15, 0.31
HSL	153°, 28%, 58%
HSV	153°, 34%, 69%
XYZ	28.5610, 37.4346, 34.5651
YIQ	155.9820, -27.0930, -21.1170

Conversions

Conversions Part 2

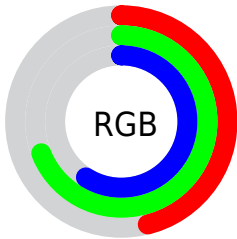
Format	Color
RYB	117, 156, 177
Decimal	7713174
CIELab	67.60, -25.45, 7.71
CIELCh	68, 26.594, 163.154
Yxy	37.4346, 0.2840, 0.3723
Android (android.graphics.Color)	4285903254 (0xFF75B196)
YUV	155.9820, -2.9491, -34.1872
Hunter-Lab	61.1838, -23.7467, 9.3335

Details

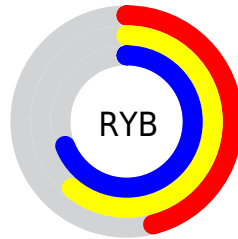
The YIQ color **155.9820, -27.0930, -21.1170** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **138.0180, 27.0930, 21.1170**, and the grayscale version is **156.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **211.1560, -27.6430, -22.1630**, and **103.8080, -26.5430, -20.0710** is the 20% darker color. If you saturate the color by 10%, you get **149.6880, -35.2530, -27.4210**, and if you desaturate by 10%, it is **162.2760, -18.9330, -14.8130**.

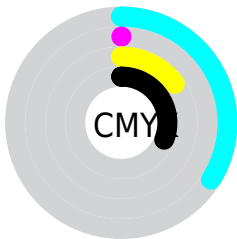
Distribution



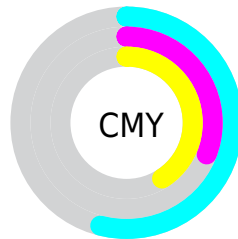
- Red (46%)
- Green (69%)
- Blue (59%)



- Red (46%)
- Yellow (61%)
- Blue (69%)



- Cyan (34%)
- Magenta (0%)
- Yellow (15%)
- Black (31%)



- Cyan (54%)
- Magenta (31%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 155.9820, -27.0930, -21.1170 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 155.9820, -27.0930, -21.1170 by changing the saturation by 10% instead.

■ 155.9820,
-27.0930, -21.1170

■ 155.9820,
-27.0930, -21.1170

■ 255.0000, -0.0000,
-0.0000

■ 129.3950,
-26.8180, -20.5940

■ 211.1560,
-27.6430, -22.1630

■ 103.8080,
-26.5430, -20.0710

■ 235.6340,
-25.9930, -19.0250

■ 78.6230, -27.4600,
-19.9720

■ 246.6280,
-16.6880, -5.9360

■ 53.3560, -31.0820,
-20.4100

■ 34.0580, -24.2510,
-17.5550

■ 19.6960, -11.3680,
-14.2480

■ 0.0000, 0.0000,

0.0000

■ 155.9820,
-27.0930, -21.1170

■ 155.9820,
-27.0930, -21.1170

■ 149.6880,
-35.2530, -27.4210

■ 162.2760,
-18.9330, -14.8130

■ 143.6930,
-42.8170, -33.5130

■ 168.2710,
-11.3690, -8.7210

■ 137.3990,
-50.9770, -39.8170

■ 174.5650, -3.2090,
-2.4170

■ 131.1050,
-59.1370, -46.1210

■ 180.8590, 4.9510,
3.8870

■ 124.8110,
-67.2970, -52.4250

■ 186.8540, 12.5150,
9.9790

■ 118.8160,
-74.8610, -58.5170

■ 193.1480, 20.6750,
16.2830

■ 114.9570,
-79.8120, -62.4040

■ 199.4420, 28.8350,
22.5870

■ 204.5400, 34.6110,
28.0430

■ 205.4520, 32.0430,
30.5310

Harmonies

Analogous

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



159.3130, -3.1600, -19.8320



155.9820, -27.0930, -21.1170



153.1400, -47.9090, -18.3170

Triad

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



155.9820, -27.0930, -21.1170



164.5850, -23.1560, 12.1720



166.2900, 40.3460, 6.6980

Complementary

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



155.9820, -27.0930, -21.1170



138.0180, 27.0930, 21.1170

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.



167.6460, 36.7680, 16.4800



155.9820, -27.0930, -21.1170



167.9040, 1.0510, 19.5070

Square

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



155.9820, -27.0930, -21.1170



159.0010, -45.2990, 0.4690



168.8650, 23.1500, 20.9900



164.9050, 33.7000, -5.0200

Rectangle

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



155.9820, -27.0930, -21.1170



152.7680, -55.4290, -14.1890



168.8650, 23.1500, 20.9900



166.8110, 40.4370, 10.5570

Sweetspot

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



155.9820, -27.0930, -21.1170



221.8690, -10.1770, -8.2970



160.5920, 0.1880, -25.4440



110.1300, -6.4180, -4.8340



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.



155.9820, -27.0930, -21.1170



196.6930, -42.8170, -33.5130



157.8860, -35.2100, -11.6740



85.8530, -4.0800, -3.1520



99.3870, -69.0390, -53.8950



16.8580, -11.6440, -9.2440

Inverse Universe

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



138.0180, 27.0930, 21.1170



168.3070, 42.8170, 33.5130



136.1140, 35.2100, 11.6740



83.1470, 4.0800, 3.1520



53.6130, 69.0390, 53.8950



9.0280, 11.9650, 8.9330

Previews

White Background



This preview shows how the YIQ color 155.9820, -27.0930, -21.1170 looks on a white background.

Color Contrast Check

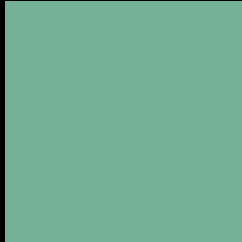
Large Text (above 18pt) WCAG AA × Fail

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 155.9820, -27.0930, -21.1170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

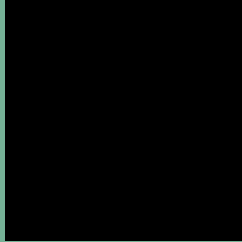
Any Text WCAG AA ✓ Pass

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 155.9820, -27.0930, -21.1170 Background



This preview shows how black text looks on a background with the YIQ color 155.9820, -27.0930, -21.1170.



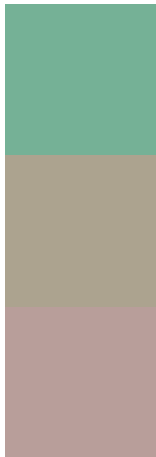
This preview shows how white text looks on a background with the YIQ color 155.9820, -27.0930, -21.1170.

-21.1170.

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

155.9820, -27.0930, -21.1170

Protanopia

163.4110, 11.7840, -4.3120

Deuteranopia

165.3180, 16.7800, 4.2680



Tritanopia

159.5430, -32.5060, -5.6100

Trichromacy



Original Color

155.9820, -27.0930, -21.1170

Protanomaly

160.7080, -2.4740, -10.2340

Deuteranomaly

162.1370, 0.8720, -4.7920

Tritanomaly

158.3380, -30.6710, -11.3350

Monochromacy



Original Color

155.9820, -27.0930, -21.1170

Achromatopsia

156.0000, -0.0000, -0.0000

Achromatomaly

156.2820, -9.9020, -7.7740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 155.9820, -27.0930, -21.1170 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, 177, 150)` looks like.

```
.text, #text, p{  
    color:rgb(117, 177, 150)  
}
```

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, 177, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 177, 150) }
```

Border

The CSS property to change the border of an element to YIQ 155.9820, -27.0930, -21.1170 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, 177, 150) }
```


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

```
.border{ border-color:rgb(117, 177, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 177, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 177, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 177, 150);  
box-shadow:4px 4px 4px 4px rgb(117, 177,  
150) }
```

Background

The CSS property to change the background color of an element to YIQ 155.9820, -27.0930, -21.1170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 177, 150) }
```

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

```
.background{ background-color: rgb(117,  
177, 150) }
```

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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