

Converting Colors

YIQ(155.4670, -27.3210,
-28.0010)

Have a look what the booklet for
YIQ(155.4670, -27.3210, -28.0010)
contains.

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Color

**YIQ(155.4670, -27.3210,
-28.0010)**

Conversions

Conversions Part 1

Format	Color
Hex	70B58A
RGB	112, 181, 138
RGB Percent	44%, 71%, 54%
CMY	0.5610, 0.2901, 0.4589
CMYK	0.38, 0.00, 0.24, 0.29
HSL	143°, 32%, 57%
HSV	143°, 38%, 71%
XYZ	27.7917, 38.3355, 29.9722
YIQ	155.4670, -27.3210, -28.0010

Conversions

Conversions Part 2

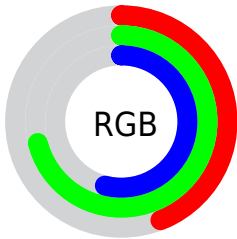
Format	Color
RYB	112, 162, 181
Decimal	7386506
CIELab	68.27, -31.35, 15.19
CIELCh	68, 34.839, 154.157
Yxy	38.3355, 0.2892, 0.3989
Android (android.graphics.Color)	4285576586 (0xFF70B58A)
YUV	155.4670, -8.6112, -38.1206
Hunter-Lab	61.9156, -28.2302, 14.6398

Details

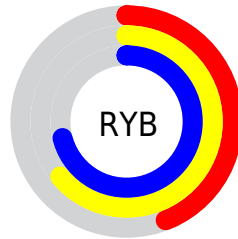
The YIQ color **155.4670, -27.3210, -28.0010** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **137.5330, 27.3210, 28.0010**, and the grayscale version is **156.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **210.6410, -27.8710, -29.0470**, and **103.1080, -27.6880, -26.8560** is the 20% darker color. If you saturate the color by 10%, you get **148.8310, -34.5180, -35.2380**, and if you desaturate by 10%, it is **162.1030, -20.1240, -20.7640**.

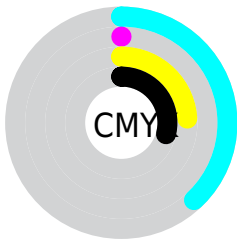
Distribution



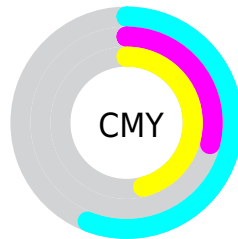
- Red (44%)
- Green (71%)
- Blue (54%)



- Red (44%)
- Yellow (64%)
- Blue (71%)



- Cyan (38%)
- Magenta (0%)
- Yellow (24%)
- Black (29%)



- Cyan (56%)
- Magenta (29%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 155.4670, -27.3210, -28.0010 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 155.4670, -27.3210, -28.0010 by changing the saturation by 10% instead.

■ 155.4670,
-27.3210, -28.0010

■ 155.4670,
-27.3210, -28.0010

■ 255.0000, -0.0000,
-0.0000

■ 128.8800,
-27.0460, -27.4780

■ 210.6410,
-27.8710, -29.0470

■ 103.1080,
-27.6880, -26.8560

■ 232.6570,
-24.8000, -24.1280

■ 76.7380, -29.5220,
-26.6580

■ 244.6340,
-16.8250, -8.9610

■ 50.5740, -34.9320,
-27.7320

■ 254.1030, -1.7880,
-0.6360

■ 34.0920, -21.5910,
-21.7110

■ 19.9580, -9.3500,
-17.7820

■ 0.0000, 0.0000,

0.0000

■ 155.4670,
-27.3210, -28.0010

■ 155.4670,
-27.3210, -28.0010

■ 148.8310,
-34.5180, -35.2380

■ 162.1030,
-20.1240, -20.7640

■ 142.0810,
-41.3940, -42.7860

■ 168.8530,
-13.2480, -13.2160

■ 135.4450,
-48.5910, -50.0230

■ 175.4890, -6.0510,
-5.9790

■ 128.8090,
-55.7880, -57.2600

■ 182.1250, 1.1460,
1.2580

■ 121.8740,
-63.5810, -64.7090

■ 188.7610, 8.3430,
8.4950

■ 115.1240,
-70.4570, -72.2570

■ 195.8100, 15.8150,
16.2550

■ 113.9990,
-71.6030, -73.5150

■ 202.4460, 23.0120,
23.4920

■ 208.4840, 29.0170,
30.3050

■ 209.8520, 25.1650,
34.0370

Harmonies

Analogous

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



160.4570, 5.0020, -24.5820



155.4670, -27.3210, -28.0010



148.3290, -61.9830, -27.5750

Triad

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



155.4670, -27.3210, -28.0010



163.2930, -42.8250, 10.7030



168.4380, 51.8530, 12.9170

Complementary

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



155.4670, -27.3210, -28.0010



137.5330, 27.3210, 28.0010

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.



169.8090, 43.9190, 24.5510



155.4670, -27.3210, -28.0010



169.7490, -8.5780, 23.3100

Square

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



155.4670, -27.3210, -28.0010



152.5290, -73.4490, -6.9930



171.1950, 22.4610, 27.9730



166.4290, 46.9040, -2.0240

Rectangle

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



155.4670, -27.3210, -28.0010



144.1450, -81.8360, -25.7080



171.1950, 22.4610, 27.9730



168.8880, 50.7060, 17.1860

Sweetspot

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



155.4670, -27.3210, -28.0010



225.4020, -10.3600, -10.4880



165.6590, 7.2490, -26.7590



111.4890, -6.0510, -5.9790



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



155.4670, -27.3210, -28.0010



194.9560, -42.5400, -44.0440



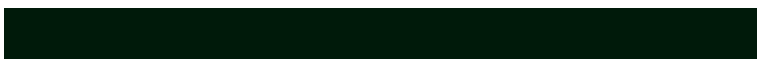
159.3430, -38.2350, -17.4270



85.7390, -3.7590, -3.4630



96.4230, -60.6930, -61.9810



16.4020, -10.3600, -10.4880

Inverse Universe

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



137.5330, 27.3210, 28.0010



166.9300, 42.8610, 43.7330



133.6570, 38.2350, 17.4270



83.3750, 3.4380, 3.7740



56.5770, 60.6930, 61.9810



9.5980, 10.3600, 10.4880

Previews

White Background



This preview shows how the YIQ color 155.4670, -27.3210, -28.0010 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 155.4670, -27.3210, -28.0010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

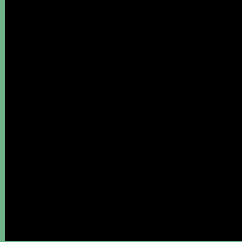
Any Text WCAG AA ✓ Pass

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 155.4670, -27.3210, -28.0010 Background



This preview shows how black text looks on a background with the YIQ color 155.4670, -27.3210, -28.0010.



This preview shows how white text looks on a background with the YIQ color 155.4670, -27.3210, -28.0010.

-28.0010.

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

155.4670, -27.3210, -28.0010

Protanopia

164.4130, 17.4700, -8.2420

Deuteranopia

166.4450, 23.6120, 1.5960



Tritanopia

160.3470, -34.8900, -6.4580

Trichromacy



Original Color

155.4670, -27.3210, -28.0010

Protanomaly

161.4000, 1.1490, -15.3230

Deuteranomaly

162.5410, 5.3660, -9.1460

Tritanomaly

158.8600, -32.3210, -14.4730

Monochromacy



Original Color

155.4670, -27.3210, -28.0010

Achromatopsia

155.0000, -0.0000, 0.0000

Achromatomaly

154.8150, -10.0850, -9.9650

CSS Examples

Text

The CSS property to change the color of the text to YIQ 155.4670, -27.3210, -28.0010 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(112, 181, 138)` looks like.

```
.text, #text, p{  
    color:rgb(112, 181, 138)  
}
```

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(112, 181, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 181, 138) }
```

Border

The CSS property to change the border of an element to YIQ 155.4670, -27.3210, -28.0010 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(112, 181, 138) }
```


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

```
.border{ border-color:rgb(112, 181, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 181, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 181, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 181, 138);  
box-shadow:4px 4px 4px 4px rgb(112, 181,  
138) }
```

Background

The CSS property to change the background color of an element to YIQ 155.4670, -27.3210, -28.0010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 181, 138) }
```

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

```
.background{ background-color: rgb(112,  
181, 138) }
```

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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