

Converting Colors

YIQ(155.6080, -40.2990,
-13.0590)

Have a look what the booklet for
YIQ(155.6080, -40.2990, -13.0590)
contains.

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Color

**YIQ(155.6080, -40.2990,
-13.0590)**

Conversions

Conversions Part 1

Format	Color
Hex	6DAFB2
RGB	109, 175, 178
RGB Percent	43%, 69%, 70%
CMY	0.5727, 0.3136, 0.3021
CMYK	0.39, 0.02, 0.00, 0.30
HSL	183°, 31%, 56%
HSV	183°, 39%, 70%
XYZ	29.6689, 37.1321, 47.7012
YIQ	155.6080, -40.2990, -13.0590

Conversions

Conversions Part 2

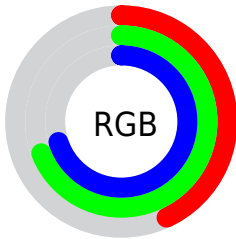
Format	Color
RYB	109, 143, 178
Decimal	7188402
CIELab	67.38, -20.20, -8.15
CIELCh	67, 21.785, 201.960
Yxy	37.1321, 0.2591, 0.3243
Android (android.graphics.Color)	4285378482 (0xFF6DAFB2)
YUV	155.6080, 11.0393, -40.8752
Hunter-Lab	60.9361, -19.7293, -3.7573

Details

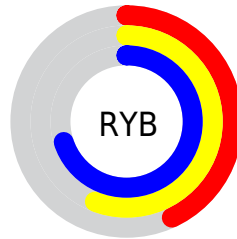
The YIQ color **155.6080, -40.2990, -13.0590** is a light color, and the websafe version is hex **669999**. A complement of this color would be **131.3920, 40.2990, 13.0590**, and the grayscale version is **156.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **211.3090, -40.8950, -13.2710**, and **102.3090, -40.8950, -13.2710** is the 20% darker color. If you saturate the color by 10%, you get **149.6390, -50.7520, -16.3520**, and if you desaturate by 10%, it is **161.5770, -29.8460, -9.7660**.

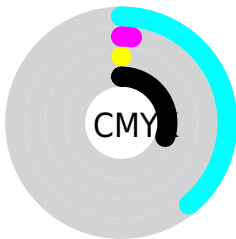
Distribution



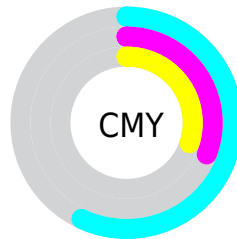
- Red (43%)
- Green (69%)
- Blue (70%)



- Red (43%)
- Yellow (56%)
- Blue (70%)



- Cyan (39%)
- Magenta (2%)
- Yellow (0%)
- Black (30%)



- Cyan (57%)
- Magenta (31%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 155.6080, -40.2990, -13.0590 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 155.6080, -40.2990, -13.0590 by changing the saturation by 10% instead.

■ 155.6080,
-40.2990, -13.0590

■ 155.6080,
-40.2990, -13.0590

■ 255.0000, -0.0000,
-0.0000

■ 128.6080,
-40.2990, -13.0590

■ 211.3090,
-40.8950, -13.2710

■ 102.3090,
-40.8950, -13.2710

■ 236.1630,
-37.5480, -13.3560

■ 75.8140, -43.8750,
-14.3310

■ 244.5350,
-20.8600, -7.4200

■ 51.6290, -44.7920,
-14.2320

■ 253.5050, -2.9800,
-1.0600

■ 35.5060, -31.0840,
-9.3560

■ 21.3720, -18.8430,
-5.4270

■ 1.0260, -2.8890,

2.7990

■ 0.0000, 0.0000,
0.0000

■ 155.6080,
-40.2990, -13.0590

■ 155.6080,
-40.2990, -13.0590

■ 149.6390,
-50.7520, -16.3520

■ 161.5770,
-29.8460, -9.7660

■ 144.2570,
-61.4800, -20.1680

■ 167.5460,
-19.3930, -6.4730

■ 138.5870,
-71.3370, -23.2490

■ 172.6290, -9.2610,
-2.8690

■ 132.6180,
-81.7900, -26.5420

■ 178.5980, 1.1920,
0.4240

■ 126.6490,
-92.2430, -29.8350

■ 184.5670, 11.6450,
3.7170

■ 120.6800,
-102.6960, -33.1280

■ 190.5360, 22.0980,
7.0100

■ 120.0820,
-103.8880, -33.5520

■ 195.9180, 32.8260,
10.8260

■ 201.5880, 42.6830,
13.9070

■ 203.3710, 44.7920,
14.2320

Harmonies

Analogous

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



156.9160, -26.7270, -16.7350



155.6080, -40.2990, -13.0590



157.1660, -41.6300, -5.4540

Triad

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



155.6080, -40.2990, -13.0590



166.8460, 6.9660, 16.9340



163.7730, 25.2640, -6.3200

Complementary

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



155.6080, -40.2990, -13.0590



131.3920, 40.2990, 13.0590

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.



165.7620, 32.9650, 2.7970



155.6080, -40.2990, -13.0590



167.2300, 23.3800, 16.8200

Square

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



155.6080, -40.2990, -13.0590



165.1470, -13.1150, 11.9170



167.0320, 32.5050, 11.1370



161.5430, 11.0520, -13.0760

Rectangle

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



155.6080, -40.2990, -13.0590



159.7910, -35.9000, 0.8360



167.0320, 32.5050, 11.1370



164.6210, 28.7480, -3.3800

Sweetspot

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



155.6080, -40.2990, -13.0590



223.0410, -16.4130, -5.4130



149.7310, -19.6170, -35.4650



112.2160, -9.5360, -3.3920



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.



155.6080, -40.2990, -13.0590



196.4740, -63.5890, -20.4930



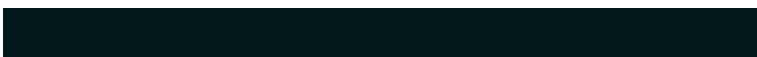
135.6500, -30.9490, 4.7230



86.3090, -5.3640, -1.9080



103.7310, -89.5380, -29.2980



17.0520, -14.9460, -4.4660

Inverse Universe

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



137.1550, 19.9380, 35.1540



167.4470, 31.5800, 55.4520



151.3500, 30.9490, -4.7230



83.7170, 2.4750, 4.7070



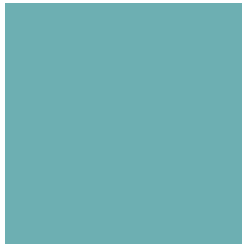
62.5050, 44.0010, 78.1530



10.5100, 7.7920, 12.9760

Previews

White Background



This preview shows how the YIQ color 155.6080, -40.2990, -13.0590 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 155.6080, -40.2990, -13.0590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

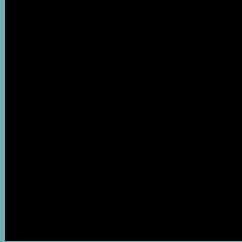
Any Text WCAG AA ✓ Pass

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 155.6080, -40.2990, -13.0590 Background



This preview shows how black text looks on a background with the YIQ color 155.6080, -40.2990, -13.0590.



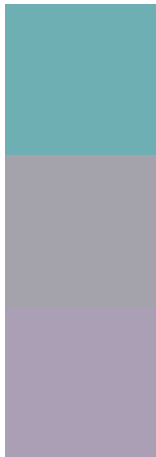
This preview shows how white text looks on a background with the YIQ color 155.6080, -40.2990, -13.0590.

-13.0590.

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

155.6080, -40.2990, -13.0590

Protanopia

163.5100, -1.3760, 2.9120

Deuteranopia

165.0960, 0.0900, 9.3860



Tritanopia

157.0580, -41.4460, -8.7900

Trichromacy



Original Color

155.6080, -40.2990, -13.0590

Protanomaly

160.8070, -15.6340, -3.0100

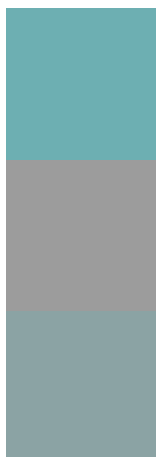
Deuteranomaly

161.6270, -14.9470, 1.0610

Tritanomaly

156.3030, -40.7580, -10.2460

Monochromacy



Original Color

155.6080, -40.2990, -13.0590

Achromatopsia

156.0000, -0.0000, -0.0000

Achromatomaly

155.9380, -14.6250, -4.7770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 155.6080, -40.2990, -13.0590 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(109, 175, 178)` looks like.

```
.text, #text, p{  
    color:rgb(109, 175, 178)  
}
```

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(109, 175, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 175, 178) }
```

Border

The CSS property to change the border of an element to YIQ 155.6080, -40.2990, -13.0590 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(109, 175, 178) }
```


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

```
.border{ border-color:rgb(109, 175, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 175, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 175, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 175, 178);  
box-shadow:4px 4px 4px 4px rgb(109, 175,  
178) }
```

Background

The CSS property to change the background color of an element to YIQ 155.6080, -40.2990, -13.0590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 175, 178) }
```

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

```
.background{ background-color: rgb(109,  
175, 178) }
```

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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