

Converting Colors

YIQ(168.2680, -17.5960,
-55.5800)

Have a look what the booklet for
YIQ(168.2680, -17.5960, -55.5800)
contains.

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Color

**YIQ(168.2680, -17.5960,
-55.5800)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 75D15D |
| RGB | 117, 209, 93 |
| RGB Percent | 46%, 82%, 36% |
| CMY | 0.5415, 0.1802, 0.6353 |
| CMYK | 0.44, 0.00, 0.56, 0.18 |
| HSL | 108°, 56%, 59% |
| HSV | 108°, 56%, 82% |
| XYZ | 32.1120, 50.1869, 18.3517 |
| YIQ | 168.2680, -17.5960, -55.5800 |

Conversions

Conversions Part 2

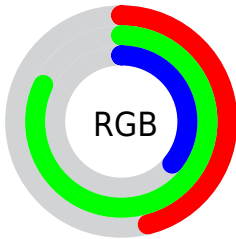
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 93, 209, 185 |
| Decimal | 7721309 |
| CIELab | 76.18, -49.10, 48.46 |
| CIELCh | 76, 68.990, 135.377 |
| Yxy | 50.1869, 0.3190, 0.4986 |
| Android (android.graphics.Color) | 4285911389 (0xFF75D15D) |
| YUV | 168.2680, -37.1071, -44.9620 |
| Hunter-Lab | 70.8427, -43.0632, 34.2309 |

Details

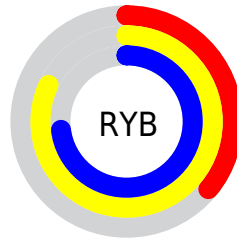
The YIQ color **168.2680, -17.5960, -55.5800** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **133.7320, 17.5960, 55.5800**, and the grayscale version is **169.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **218.3550, -13.2870, -51.0710**, and **112.5990, -20.0260, -55.5940** is the 20% darker color. If you saturate the color by 10%, you get **160.7910, -20.9870, -65.7150**, and if you desaturate by 10%, it is **175.7450, -14.2050, -45.4450**.

Distribution



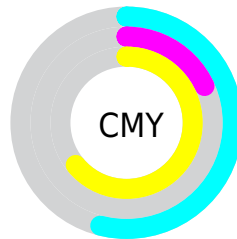
- Red (46%)
- Green (82%)
- Blue (36%)



- Red (36%)
- Yellow (82%)
- Blue (73%)



- Cyan (44%)
- Magenta (0%)
- Yellow (56%)
- Black (18%)



- Cyan (54%)
- Magenta (18%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 168.2680, -17.5960, -55.5800 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 168.2680, -17.5960, -55.5800 by changing the saturation by 10% instead.

■ 168.2680,
-17.5960, -55.5800

■ 168.2680,
-17.5960, -55.5800

■ 255.0000, -0.0000,
-0.0000

■ 140.1970,
-18.8340, -55.1700

■ 218.3550,
-13.2870, -51.0710

■ 112.5990,
-20.0260, -55.5940

■ 230.2180, -4.9910,
-36.2150

■ 81.9250, -24.0600,
-59.5800

■ 242.3800, 3.9010,
-21.1470

■ 59.2870, -27.7750,
-52.8230

■ 252.1500, 8.0250,
-7.7750

■ 44.6120, -20.9000,
-39.7480

■ 31.1110, -14.5750,
-27.7190

■ 17.6100, -8.2500,

-15.6900

■ 0.0000, 0.0000,
0.0000

■ 168.2680,
-17.5960, -55.5800

■ 168.2680,
-17.5960, -55.5800

■ 160.7910,
-20.9870, -65.7150

■ 175.7450,
-14.2050, -45.4450

■ 153.6130,
-23.7820, -75.6380

■ 182.9230,
-11.4100, -35.5220

■ 146.1360,
-27.1730, -85.7730

■ 190.4000, -8.0190,
-25.3870

■ 138.9580,
-29.9680, -95.6960

■ 197.5780, -5.2240,
-15.4640

■ 135.5400,
-31.8470, -100.1910

■ 205.0550, -1.8330,
-5.3290

■ 212.1190, 1.2830,
4.2830

■ 219.5960, 4.6740,
14.4180

■ 226.5030, 9.6700,
22.9980

■ 227.9980, 12.6500,
24.0580

Harmonies

Analogous

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



177.2030, 42.9230, -45.5330



168.2680, -17.5960, -55.5800



144.8210, -108.7880, -65.9080

Triad

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



168.2680, -17.5960, -55.5800



148.8180, -137.9550, -27.3870



170.5670, 65.5120, 35.2080

Complementary

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



168.2680, -17.5960, -55.5800



133.7320, 17.5960, 55.5800

Split Complementary

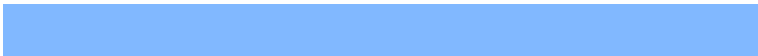
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



179.6240, 44.1430, 53.5430



168.2680, -17.5960, -55.5800



175.6490, -55.5710, 10.4210

Square

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



168.2680, -17.5960, -55.5800



155.2750, -140.9800, -33.1400



190.8960, 13.8380, 46.5900



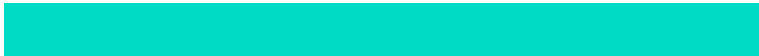
174.4070, 79.5010, 7.4450

Rectangle

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



168.2680, -17.5960, -55.5800



151.1250, -123.7830, -52.9590



190.8960, 13.8380, 46.5900



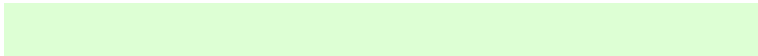
171.7870, 59.3210, 42.7850

Sweetspot

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



168.2680, -17.5960, -55.5800



239.9320, -6.4610, -20.5810



181.1010, 44.1110, -23.0010



118.7570, -4.1700, -12.5380



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



168.2680, -17.5960, -55.5800



194.8420, -26.1650, -82.0130



164.8540, -42.4930, -50.4050



101.0550, -1.8330, -5.3290



109.0810, -25.3400, -80.4440



26.4590, -6.5070, -19.7470

Inverse Universe

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



133.7320, 17.5960, 55.5800



144.1580, 26.1650, 82.0130



137.1460, 42.4930, 50.4050



97.6460, 1.2370, 5.1170



59.2180, 25.9360, 80.6560



14.2420, 5.9110, 19.5350

Previews

White Background



This preview shows how the YIQ color 168.2680, -17.5960, -55.5800 looks on a white background.

Color Contrast Check

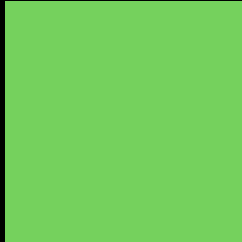
Large Text (above 18pt) WCAG AA × Fail

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 168.2680, -17.5960, -55.5800 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 168.2680, -17.5960, -55.5800 Background



This preview shows how black text looks on a background with the YIQ color 168.2680, -17.5960, -55.5800.



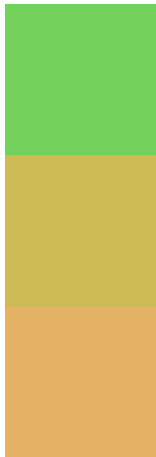
This preview shows how white text looks on a background with the YIQ color 168.2680, -17.5960, -55.5800.

-55.5800.

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

168.2680, -17.5960, -55.5800

Protanopia

181.4660, 44.3410, -27.1710

Deuteranopia

184.1720, 54.5170, -13.3470



Tritanopia

180.7810, -39.1080, -7.1080

Trichromacy



Original Color

168.2680, -17.5960, -55.5800

Protanomaly

176.6370, 21.5100, -37.4180

Deuteranomaly

178.3270, 28.6150, -28.5130

Tritanomaly

176.4220, -31.4480, -24.7920

Monochromacy



Original Color

168.2680, -17.5960, -55.5800

Achromatopsia

168.0000, -0.0000, -0.0000

Achromatomaly

168.0460, -6.7820, -20.2700

CSS Examples

Text

The CSS property to change the color of the text to YIQ 168.2680, -17.5960, -55.5800 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, 209, 93)` looks like.

```
.text, #text, p{  
    color:rgb(117, 209, 93)  
}
```

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, 209, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 209, 93) }
```

Border

The CSS property to change the border of an element to YIQ 168.2680, -17.5960, -55.5800 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, 209, 93) }
```


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

```
.border{ border-color:rgb(117, 209, 93) }
```

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

Here you see how a box with a 4 pixel rgb(117, 209, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 209, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 209, 93);  
box-shadow:4px 4px 4px 4px rgb(117, 209,  
93) }
```

Background

The CSS property to change the background color of an element to YIQ 168.2680, -17.5960, -55.5800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 209, 93) }
```

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

```
.background{ background-color: rgb(117,  
209, 93) }
```

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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