

Converting Colors

YIQ(148.5760, -56.7500,
-61.8540)

Have a look what the booklet for
YIQ(148.5760, -56.7500, -61.8540)
contains.

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Color

**YIQ(148.5760, -56.7500,
-61.8540)**

Conversions

Conversions Part 1

Format	Color
Hex	38CC6A
RGB	56, 204, 106
RGB Percent	22%, 80%, 42%
CMY	0.7808, 0.1997, 0.5845
CMYK	0.73, 0.00, 0.48, 0.20
HSL	140°, 59%, 51%
HSV	140°, 73%, 80%
XYZ	25.8321, 45.0927, 20.9676
YIQ	148.5760, -56.7500, -61.8540

Conversions

Conversions Part 2

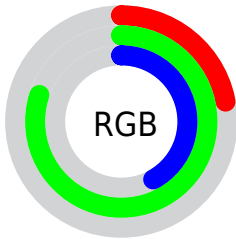
Format	Color
RYB	56, 167, 204
Decimal	3722346
CIELab	72.95, -59.54, 37.87
CIELCh	73, 70.567, 147.541
Yxy	45.0927, 0.2811, 0.4907
Android (android.graphics.Color)	4281912426 (0xFF38CC6A)
YUV	148.5760, -20.9900, -81.1892
Hunter-Lab	67.1511, -48.8479, 28.4928

Details

The YIQ color **148.5760, -56.7500, -61.8540** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **111.4240, 56.7500, 61.8540**, and the grayscale version is **149.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **204.5880, -47.8560, -57.8400**, and **93.2600, -58.6760, -59.9880** is the 20% darker color. If you saturate the color by 10%, you get **140.7010, -64.7720, -70.6600**, and if you desaturate by 10%, it is **156.0380, -49.0030, -53.5710**.

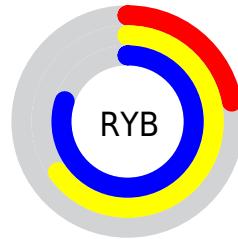
Distribution



Red (22%)

Green (80%)

Blue (42%)



Red (22%)

Yellow (65%)

Blue (80%)

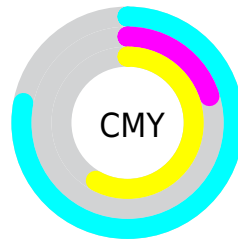


Cyan (73%)

Magenta (0%)

Yellow (48%)

Black (20%)



Cyan (78%)

Magenta (20%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 148.5760, -56.7500, -61.8540 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 148.5760, -56.7500, -61.8540 by changing the saturation by 10% instead.

■ 148.5760,
-56.7500, -61.8540

■ 148.5760,
-56.7500, -61.8540

■ 255.0000, -0.0000,
-0.0000

■ 112.5460,
-74.4010, -66.8570

■ 204.5880,
-47.8560, -57.8400

■ 93.2600, -58.6760,
-59.9880

■ 216.6360,
-38.6430, -43.0830

■ 75.1480, -43.5010,
-54.1650

■ 228.7980,
-29.7510, -28.0150

■ 56.5800, -27.0420,
-49.5860

■ 241.0740,
-21.1800, -12.6360

■ 41.0900, -19.2500,
-36.6100

■ 251.7110, -6.5560,
-2.3320

■ 28.1760, -13.2000,
-25.1040

■ 10.5660, -4.9500,

-9.4140

■ 0.0000, 0.0000,
0.0000

■ 148.5760,
-56.7500, -61.8540

■ 148.5760,
-56.7500, -61.8540

■ 140.7010,
-64.7720, -70.6600

■ 156.0380,
-49.0030, -53.5710

■ 133.2390,
-72.5190, -78.9430

■ 163.9130,
-40.9810, -44.7650

■ 127.6140,
-78.2490, -85.2330

■ 171.3750,
-33.2340, -36.4820

■ 179.2500,
-25.2120, -27.6760

■ 186.8260,
-17.7860, -19.0820

■ 194.2880,
-10.0390, -10.7990

■ 202.1630, -2.0170,
-1.9930

■ 209.6250, 5.7300,
6.2900

■ 217.5000, 13.7520,
15.0960

Harmonies

Analogous

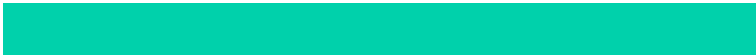
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



164.9660, 21.4210, -52.3310



148.5760, -56.7500, -61.8540



142.1770, -112.3660, -56.1260

Triad

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



148.5760, -56.7500, -61.8540



139.4260, -133.5550, -19.0190



163.0550, 78.3970, 27.4610

Complementary

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



148.5760, -56.7500, -61.8540



111.4240, 56.7500, 61.8540

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.



166.2420, 59.7780, 51.0260



148.5760, -56.7500, -61.8540



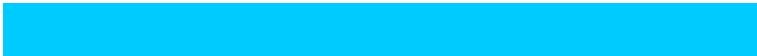
175.8690, -26.2310, 29.3610

Square

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



148.5760, -56.7500, -61.8540



148.2310, -137.6800, -26.8640



183.5660, 32.8630, 59.7350



171.4600, 89.1770, -2.7190

Rectangle

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



148.5760, -56.7500, -61.8540



147.8940, -127.0860, -42.6540



183.5660, 32.8630, 59.7350



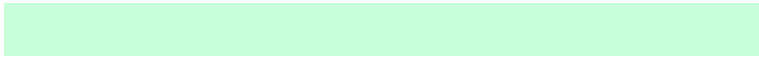
162.5140, 73.0310, 36.6070

Sweetspot

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



148.5760, -56.7500, -61.8540



234.0380, -21.4990, -23.3790



172.4770, 18.3040, -56.4160



115.3260, -13.2020, -14.0500



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.



148.5760, -56.7500, -61.8540



171.8640, -85.1250, -92.7810



156.8980, -80.1830, -39.1510



98.2120, -3.7130, -4.2970



103.8260, -63.6260, -69.4020



23.7880, -14.6230, -15.8310

Inverse Universe

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



111.4240, 56.7500, 61.8540



116.1360, 85.1250, 92.7810



103.1020, 80.1830, 39.1510



95.7880, 3.7130, 4.2970



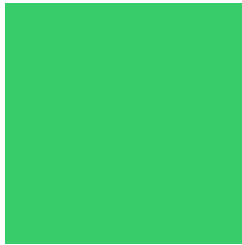
62.1740, 63.6260, 69.4020



14.2120, 14.6230, 15.8310

Previews

White Background



This preview shows how the YIQ color 148.5760, -56.7500, -61.8540 looks on a white background.

Color Contrast Check

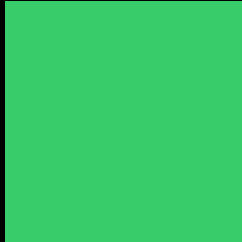
Large Text (above 18pt) WCAG AA × Fail

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 148.5760, -56.7500, -61.8540 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 148.5760, -56.7500, -61.8540 Background



This preview shows how black text looks on a background with the YIQ color 148.5760, -56.7500, -61.8540.



This preview shows how white text looks on a background with the YIQ color 148.5760, -56.7500, -61.8540.

-61.8540.

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

148.5760, -56.7500, -61.8540

Protanopia

173.8490, 36.1330, -21.5870

Deuteranopia

176.7720, 44.2000, -8.0880



Tritanopia

164.8100, -64.4150, -16.5350

Trichromacy



Original Color

148.5760, -56.7500, -61.8540



Protanomaly

164.2250, 2.2990, -36.1730



Deuteranomaly

166.4310, 7.8910, -27.3810



Tritanomaly

159.0530, -61.3860, -32.8900

Monochromacy



Original Color

148.5760, -56.7500, -61.8540



Achromatopsia

149.0000, 0.0000, -0.0000



Achromatomaly

148.7500, -20.6280, -22.6440

CSS Examples

Text

The CSS property to change the color of the text to YIQ 148.5760, -56.7500, -61.8540 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(56, 204, 106)` looks like.

```
.text, #text, p{  
    color:rgb(56, 204, 106)  
}
```

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(56, 204, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 204, 106) }
```

Border

The CSS property to change the border of an element to YIQ 148.5760, -56.7500, -61.8540 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(56, 204, 106) }
```


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

```
.border{ border-color:rgb(56, 204, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 204, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 204, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 204, 106);  
box-shadow:4px 4px 4px 4px rgb(56, 204,  
106) }
```

Background

The CSS property to change the background color of an element to YIQ 148.5760, -56.7500, -61.8540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 204, 106) }
```

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

```
.background{ background-color: rgb(56, 204,  
106) }
```

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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