

Converting Colors

YIQ(180.3240, -56.7010,
-79.2690)

Have a look what the booklet for
YIQ(180.3240, -56.7010, -79.2690)
contains.

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Color

**YIQ(180.3240, -56.7010,
-79.2690)**

Conversions

Conversions Part 1

Format	Color
Hex	4DF76C
RGB	77, 247, 108
RGB Percent	30%, 97%, 42%
CMY	0.6985, 0.0311, 0.5766
CMYK	0.69, 0.00, 0.56, 0.03
HSL	131°, 91%, 64%
HSV	131°, 69%, 97%
XYZ	39.0382, 69.2197, 25.4822
YIQ	180.3240, -56.7010, -79.2690

Conversions

Conversions Part 2

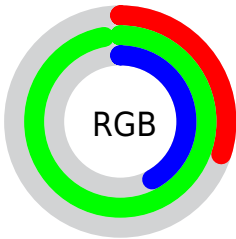
Format	Color
RYB	77, 221, 247
Decimal	5109612
CIELab	86.61, -70.63, 53.67
CIELCh	87, 88.706, 142.771
Yxy	69.2197, 0.2919, 0.5176
Android (android.graphics.Color)	4283299692 (0xFF4DF76C)
YUV	180.3240, -35.6557, -90.6151
Hunter-Lab	83.1984, -61.8417, 40.0793

Details

The YIQ color **180.3240, -56.7010, -79.2690** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle washed spring green. A complement of this color would be **143.6760, 56.7010, 79.2690**, and the grayscale version is **181.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **211.6220, -36.0280, -51.9320**, and **117.0990, -69.3090, -82.0530** is the 20% darker color. If you saturate the color by 10%, you get **170.5690, -65.1810, -90.7890**, and if you desaturate by 10%, it is **190.0790, -48.2210, -67.7490**.

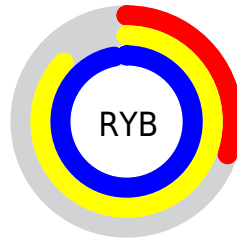
Distribution



Red (30%)

Green (97%)

Blue (42%)



Red (30%)

Yellow (87%)

Blue (97%)

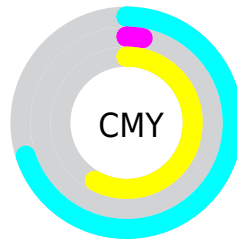


Cyan (69%)

Magenta (0%)

Yellow (56%)

Black (3%)



Cyan (70%)

Magenta (3%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 180.3240, -56.7010, -79.2690 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 180.3240, -56.7010, -79.2690 by changing the saturation by 10% instead.

180.3240,
-56.7010, -79.2690

180.3240,
-56.7010, -79.2690

255.0000, -0.0000,
-0.0000

145.2730,
-69.8590, -83.0990

211.6220,
-36.0280, -51.9320

117.0990,
-69.3090, -82.0530

224.3820,
-25.9440, -36.4400

97.1290, -51.6580,
-77.0500

236.8430,
-16.4560, -21.1600

78.6580, -36.8500,
-70.0820

249.5320, -7.6100,
-5.2580

62.8090, -29.4250,
-55.9610

47.5470, -22.2750,
-42.3630

33.4590, -15.6750,

-29.8110

■ 18.1970, -8.5250,
-16.2130

■ 0.0000, 0.0000,
0.0000

■ 180.3240,
-56.7010, -79.2690

■ 180.3240,
-56.7010, -79.2690

■ 170.5690,
-65.1810, -90.7890

■ 190.0790,
-48.2210, -67.7490

■ 160.8140,
-73.6610, -102.3090


■ 199.5350,
-40.3370, -56.4410

■ 151.2440,
-81.2240, -113.9280

■ 209.4040,
-32.1780, -44.6100

■ 150.1190,
-82.3700, -115.1860

■ 219.1590,
-23.6980, -33.0900

 228.6150,
-15.8140, -21.7820

 238.3700, -7.3340,
-10.2620

 248.1250, 1.1460,
1.2580

 250.3040, 2.2000,
4.1840

Harmonies

Analogous

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



197.9800, 44.0280, -71.0760



180.3240, -56.7010, -79.2690



171.6870, -132.0780, -73.3420

Triad

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



180.3240, -56.7010, -79.2690



165.8410, -145.9300, -42.5540



175.1490, 63.6330, 30.7130

Complementary

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



180.3240, -56.7010, -79.2690



143.6760, 56.7010, 79.2690

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.



182.3770, 37.7690, 58.9290



180.3240, -56.7010, -79.2690



200.5560, -33.3800, 10.2360

Square

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



180.3240, -56.7010, -79.2690



175.8200, -150.6050, -51.4450



201.5830, 25.0250, 47.5930



185.8560, 78.9540, -10.1820

Rectangle

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



180.3240, -56.7010, -79.2690



178.4130, -151.0170, -54.9930



201.5830, 25.0250, 47.5930



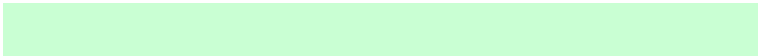
174.7050, 56.6160, 42.2480

Sweetspot

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



180.3240, -56.7010, -79.2690



233.8380, -18.0600, -25.1320



219.2480, 37.8820, -58.8060



115.3540, -10.4050, -15.1810



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.



180.3240, -56.7010, -79.2690



171.8900, -70.8190, -98.7470



189.6720, -83.0230, -53.7670



117.2720, -3.9420, -5.6540



113.0580, -62.0640, -86.7040



35.8870, -19.7560, -27.4360

Inverse Universe

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



143.6760, 56.7010, 79.2690



126.1100, 70.8190, 98.7470



134.3280, 83.0230, 53.7670



114.7280, 3.9420, 5.6540



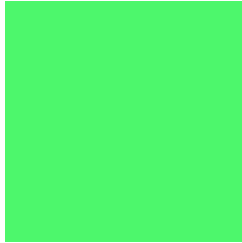
72.9420, 62.0640, 86.7040



23.1130, 19.7560, 27.4360

Previews

White Background



This preview shows how the YIQ color 180.3240, -56.7010, -79.2690 looks on a white background.

Color Contrast Check

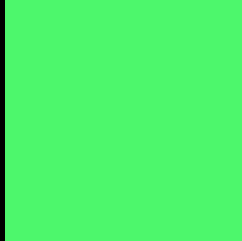
Large Text (above 18pt) WCAG AA × Fail

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 180.3240, -56.7010, -79.2690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

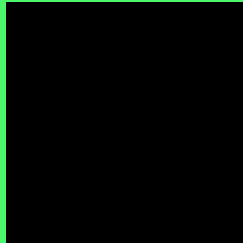
Any Text WCAG AA ✓ Pass

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 180.3240, -56.7010, -79.2690 Background



This preview shows how black text looks on a background with the YIQ color 180.3240, -56.7010, -79.2690.



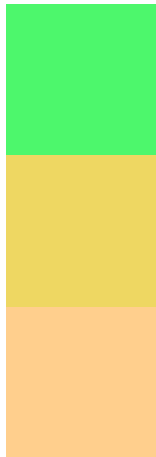
This preview shows how white text looks on a background with the YIQ color 180.3240, -56.7010, -79.2690.

-79.2690.

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

180.3240, -56.7010, -79.2690

Protanopia

208.5390, 51.2650, -31.5110

Deuteranopia

213.8280, 49.7940, -10.3500



Tritanopia

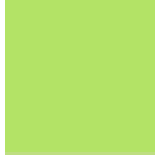
200.6780, -72.8510, -17.8350

Trichromacy



Original Color

180.3240, -56.7010, -79.2690



Protanomaly

198.3980, 11.5170, -49.0510



Deuteranomaly

201.8300, 10.7810, -35.7070



Tritanomaly

192.9010, -67.0700, -40.0140

Monochromacy



Original Color

180.3240, -56.7010, -79.2690



Achromatopsia

180.0000, -0.0000, -0.0000



Achromatomaly

179.7620, -20.9020, -28.6940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 180.3240, -56.7010, -79.2690 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(77, 247, 108)` looks like.

```
.text, #text, p{  
    color:rgb(77, 247, 108)  
}
```

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(77, 247, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 247, 108) }
```

Border

The CSS property to change the border of an element to YIQ 180.3240, -56.7010, -79.2690 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(77, 247, 108) }
```


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

```
.border{ border-color:rgb(77, 247, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 247, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 247, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 247, 108);  
box-shadow:4px 4px 4px 4px rgb(77, 247,  
108) }
```

Background

The CSS property to change the background color of an element to YIQ 180.3240, -56.7010, -79.2690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 247, 108) }
```

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

```
.background{ background-color: rgb(77, 247,  
108) }
```

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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