

Converting Colors

YIQ(149.6960, -57.2080,
-64.5680)

Have a look what the booklet for
YIQ(149.6960, -57.2080, -64.5680)
contains.

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Color

**YIQ(149.6960, -57.2080,
-64.5680)**

Conversions

Conversions Part 1

Format	Color
Hex	37CF67
RGB	55, 207, 103
RGB Percent	22%, 81%, 40%
CMY	0.7847, 0.1880, 0.5962
CMYK	0.73, 0.00, 0.50, 0.19
HSL	139°, 61%, 51%
HSV	139°, 73%, 81%
XYZ	26.3441, 46.4442, 20.3983
YIQ	149.6960, -57.2080, -64.5680

Conversions

Conversions Part 2

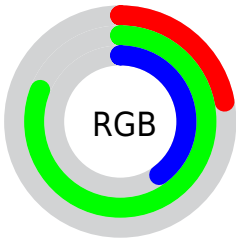
Format	Color
RYB	55, 171, 207
Decimal	3657575
CIELab	73.83, -61.21, 40.45
CIELCh	74, 73.365, 146.545
Yxy	46.4442, 0.2827, 0.4984
Android (android.graphics.Color)	4281847655 (0xFF37CF67)
YUV	149.6960, -23.0211, -83.0484
Hunter-Lab	68.1500, -50.2612, 29.9586

Details

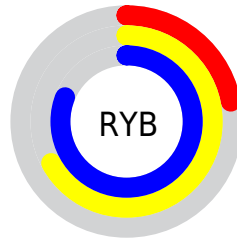
The YIQ color **149.6960, -57.2080, -64.5680** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **112.3040, 57.2080, 64.5680**, and the grayscale version is **150.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **204.2460, -46.8930, -58.7730**, and **94.5650, -58.2170, -62.8010** is the 20% darker color. If you saturate the color by 10%, you get **141.8210, -65.2300, -73.3740**, and if you desaturate by 10%, it is **157.5710, -49.1860, -55.7620**.

Distribution



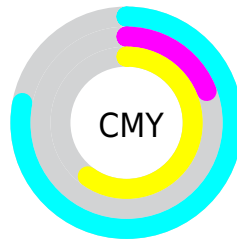
- Red (22%)
- Green (81%)
- Blue (40%)



- Red (22%)
- Yellow (67%)
- Blue (81%)



- Cyan (73%)
- Magenta (0%)
- Yellow (50%)
- Black (19%)



- Cyan (78%)
- Magenta (19%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 149.6960, -57.2080, -64.5680 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 149.6960, -57.2080, -64.5680 by changing the saturation by 10% instead.

■ 149.6960,
-57.2080, -64.5680

■ 149.6960,
-57.2080, -64.5680

■ 255.0000, -0.0000,
-0.0000

■ 113.8510,
-73.9420, -69.6700

■ 204.2460,
-46.8930, -58.7730

■ 94.5650, -58.2170,
-62.8010

■ 216.2940,
-37.6800, -44.0160

■ 75.8660, -42.7670,
-56.4550

■ 228.7550,
-28.1920, -28.7360

■ 57.5260, -26.9500,
-51.2540

■ 241.0310,
-19.6210, -13.3570

■ 42.8510, -20.0750,
-38.1790

■ 252.0100, -5.9600,
-2.1200

■ 29.3500, -13.7500,
-26.1500

■ 12.9140, -6.0500,

-11.5060

■ 0.0000, 0.0000,
0.0000

■ 149.6960,
-57.2080, -64.5680

■ 149.6960,
-57.2080, -64.5680

■ 141.8210,
-65.2300, -73.3740

■ 157.5710,
-49.1860, -55.7620

■ 133.9460,
-73.2520, -82.1800

■ 165.1470,
-41.7600, -47.1680

■ 128.9190,
-77.7900, -88.0460

■ 173.0220,
-33.7380, -38.3620

■ 181.0110,
-26.0370, -29.2450

■ 188.5870,
-18.6110, -20.6510

■ 196.4620,
-10.5890, -11.8450

■ 204.3370, -2.5670,
-3.0390

■ 212.2120, 5.4550,
5.7670

■ 219.7880, 12.8810,
14.3610

Harmonies

Analogous

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



166.5380, 25.5020, -54.7060



149.6960, -57.2080, -64.5680



144.5250, -113.4660, -58.2180

Triad

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



149.6960, -57.2080, -64.5680



141.7740, -134.6550, -21.1110



162.6960, 78.0300, 28.6060

Complementary

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



149.6960, -57.2080, -64.5680



112.3040, 57.2080, 64.5680

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.



166.2250, 58.4480, 53.1040



149.6960, -57.2080, -64.5680



177.0320, -28.2480, 27.3680

Square

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



149.6960, -57.2080, -64.5680



150.5790, -138.7800, -28.9560



185.7340, 32.4500, 61.7140



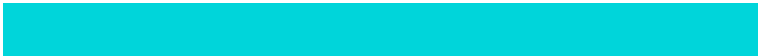
171.3460, 89.4980, -3.0300

Rectangle

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



149.6960, -57.2080, -64.5680



149.8830, -128.5530, -43.6010



185.7340, 32.4500, 61.7140



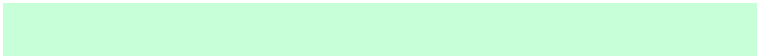
161.6820, 72.6180, 38.5860

Sweetspot

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



149.6960, -57.2080, -64.5680



233.9240, -21.1780, -23.6900



175.9180, 21.3760, -57.0240



115.2120, -12.8810, -14.3610



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.



149.6960, -57.2080, -64.5680



170.4680, -84.0700, -95.3820



158.1320, -80.9620, -41.5540



100.7990, -3.9880, -4.8200



104.6580, -63.2130, -71.3810



25.5490, -15.4480, -17.4000

Inverse Universe

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



112.3040, 57.2080, 64.5680



115.4180, 84.3910, 95.0710



103.8680, 80.9620, 41.5540



98.0870, 4.3090, 4.5090



63.3420, 63.2130, 71.3810



15.4510, 15.4480, 17.4000

Previews

White Background



This preview shows how the YIQ color 149.6960, -57.2080, -64.5680 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 149.6960, -57.2080, -64.5680 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 149.6960, -57.2080, -64.5680 Background



This preview shows how black text looks on a background with the YIQ color 149.6960, -57.2080, -64.5680.



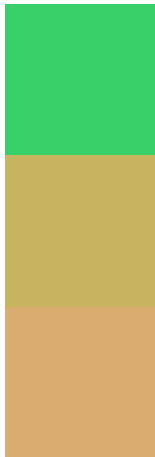
This preview shows how white text looks on a background with the YIQ color 149.6960, -57.2080, -64.5680.

-64.5680.

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

149.6960, -57.2080, -64.5680

Protanopia

175.5780, 38.3340, -22.9300

Deuteranopia

178.6150, 46.0800, -9.1200



Tritanopia

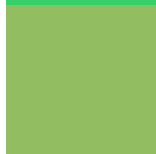
166.6250, -65.3320, -16.4360

Trichromacy



Original Color

149.6960, -57.2080, -64.5680



Protanomaly

166.2420, 3.6290, -38.2510



Deuteranomaly

168.2630, 8.3040, -29.3600



Tritanomaly

160.3410, -62.2570, -33.6250

Monochromacy



Original Color

149.6960, -57.2080, -64.5680



Achromatopsia

150.0000, -0.0000, -0.0000



Achromatomaly

149.9240, -21.1780, -23.6900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.6960, -57.2080, -64.5680 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(55, 207, 103)` looks like.

```
.text, #text, p{  
    color:rgb(55, 207, 103)  
}
```

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(55, 207, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 207, 103) }
```

Border

The CSS property to change the border of an element to YIQ 149.6960, -57.2080, -64.5680 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(55, 207, 103) }
```


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

```
.border{ border-color:rgb(55, 207, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 207, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 207, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 207, 103);  
box-shadow:4px 4px 4px 4px rgb(55, 207,  
103) }
```

Background

The CSS property to change the background color of an element to YIQ 149.6960, -57.2080, -64.5680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 207, 103) }
```

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

```
.background{ background-color: rgb(55, 207,  
103) }
```

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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