

Converting Colors

YIQ(165.9220, -37.1730,
-58.7170)

Have a look what the booklet for
YIQ(165.9220, -37.1730, -58.7170)
contains.

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Color

**YIQ(165.9220, -37.1730,
-58.7170)**

Conversions

Conversions Part 1

Format	Color
Hex	5ED66B
RGB	94, 214, 107
RGB Percent	37%, 84%, 42%
CMY	0.6317, 0.1606, 0.5804
CMYK	0.56, 0.00, 0.50, 0.16
HSL	127°, 59%, 60%
HSV	127°, 56%, 84%
XYZ	31.3191, 51.5547, 22.2057
YIQ	165.9220, -37.1730, -58.7170

Conversions

Conversions Part 2

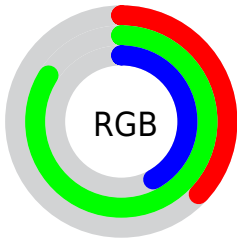
Format	Color
RYB	94, 202, 214
Decimal	6215275
CIELab	77.01, -55.57, 42.64
CIELCh	77, 70.048, 142.498
Yxy	51.5547, 0.2981, 0.4906
Android (android.graphics.Color)	4284405355 (0xFF5ED66B)
YUV	165.9220, -29.0485, -63.0756
Hunter-Lab	71.8016, -47.7928, 31.9248

Details

The YIQ color **165.9220, -37.1730, -58.7170** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted spring green. A complement of this color would be **142.0780, 37.1730, 58.7170**, and the grayscale version is **166.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **213.6720, -30.2970, -51.1690**, and **104.8110, -50.1020, -61.1900** is the 20% darker color. If you saturate the color by 10%, you get **157.4770, -43.5900, -69.0780**, and if you desaturate by 10%, it is **174.3670, -30.7560, -48.3560**.

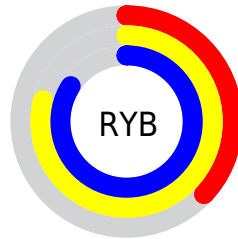
Distribution



Red (37%)

Green (84%)

Blue (42%)



Red (37%)

Yellow (79%)

Blue (84%)

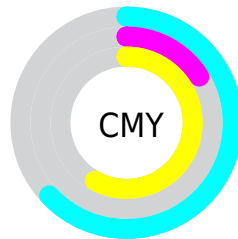


Cyan (56%)

Magenta (0%)

Yellow (50%)

Black (16%)



Cyan (63%)

Magenta (16%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 165.9220, -37.1730, -58.7170 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 165.9220, -37.1730, -58.7170 by changing the saturation by 10% instead.

■ 165.9220,
-37.1730, -58.7170

■ 165.9220,
-37.1730, -58.7170

■ 255.0000, -0.0000,
-0.0000

■ 136.9540,
-40.1990, -58.9430

■ 213.6720,
-30.2970, -51.1690

■ 104.8110,
-50.1020, -61.1900

■ 225.8340,
-21.4050, -36.1010

■ 80.3170, -45.6550,
-59.1830

■ 237.6970,
-13.1090, -21.2450

■ 61.6350, -28.8750,
-54.9150

■ 249.9730, -4.5380,
-5.8660

■ 46.9600, -22.0000,
-41.8400

■ 32.8720, -15.4000,
-29.2880

■ 18.7840, -8.8000,

-16.7360

■ 0.0000, 0.0000,
0.0000

■ 165.9220,
-37.1730, -58.7170

■ 165.9220,
-37.1730, -58.7170

■ 157.4770,
-43.5900, -69.0780

■ 174.3670,
-30.7560, -48.3560

■ 148.7330,
-50.6030, -79.6510

■ 183.1110,
-23.7430, -37.7830

■ 140.2880,
-57.0200, -90.0120

■ 191.5560,
-17.3260, -27.4220

■ 131.5440,
-64.0330, -100.5850

■ 200.3000,
-10.3130, -16.8490

■ 128.2400,
-66.2330, -104.7690

■ 208.7450, -3.8960,
-6.4880

■ 217.1900, 2.5210,
3.8730

■ 226.0480, 9.2130,
14.7570

■ 230.9330, 11.2750,
21.4430

Harmonies

Analogous

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



177.5220, 31.5990, -49.5610



165.9220, -37.1730, -58.7170



148.6340, -115.3910, -61.8790

Triad

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



165.9220, -37.1730, -58.7170



147.6440, -137.4050, -26.3410



171.3190, 68.9060, 28.7620

Complementary

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



165.9220, -37.1730, -58.7170



142.0780, 37.1730, 58.7170

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.



176.9680, 48.8660, 50.5460



165.9220, -37.1730, -58.7170



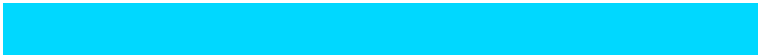
183.1680, -34.8030, 19.5090

Square

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



165.9220, -37.1730, -58.7170



155.8620, -141.2550, -33.6630



193.9410, 27.1330, 53.4450



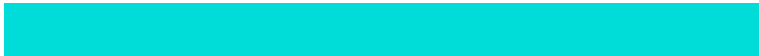
177.8490, 80.8320, -0.1600

Rectangle

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



165.9220, -37.1730, -58.7170



154.3510, -130.1110, -48.4070



193.9410, 27.1330, 53.4450



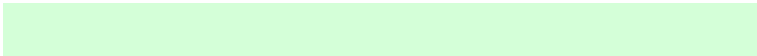
171.4790, 62.9440, 37.6960

Sweetspot

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



165.9220, -37.1730, -58.7170



237.6970, -13.1090, -21.2450



196.7320, 31.3680, -39.8640



117.6040, -8.1130, -12.6650



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.



165.9220, -37.1730, -58.7170



186.5430, -53.1240, -83.5240



172.6480, -56.1120, -40.3680



102.6850, -3.6670, -5.1310



102.5430, -53.1240, -83.5240



25.8110, -13.4300, -20.9340

Inverse Universe

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



142.0780, 37.1730, 58.7170



152.4570, 53.1240, 83.5240



135.3520, 56.1120, 40.3680



100.4290, 3.3460, 5.4420



68.4570, 53.1240, 83.5240



17.3030, 13.1090, 21.2450

Previews

White Background



This preview shows how the YIQ color 165.9220, -37.1730, -58.7170 looks on a white background.

Color Contrast Check

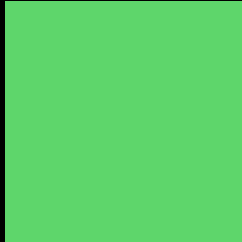
Large Text (above 18pt) WCAG AA × Fail

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 165.9220, -37.1730, -58.7170 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 165.9220, -37.1730, -58.7170 Background



This preview shows how black text looks on a background with the YIQ color 165.9220, -37.1730, -58.7170.



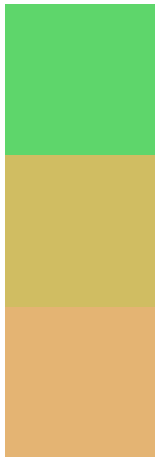
This preview shows how white text looks on a background with the YIQ color 165.9220, -37.1730, -58.7170.

-58.7170.

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

165.9220, -37.1730, -58.7170

Protanopia

184.3070, 40.5350, -24.2730

Deuteranopia

186.9420, 49.4730, -10.0390



Tritanopia

179.6050, -53.4120, -12.1960

Trichromacy



Original Color

165.9220, -37.1730, -58.7170



Protanomaly

177.6730, 12.6610, -36.7390



Deuteranomaly

178.9930, 17.9320, -27.6360



Tritanomaly

174.4030, -47.6320, -28.8480

Monochromacy



Original Color

165.9220, -37.1730, -58.7170



Achromatopsia

166.0000, -0.0000, 0.0000



Achromatomaly

165.8110, -13.4300, -20.9340

CSS Examples

Text

The CSS property to change the color of the text to YIQ 165.9220, -37.1730, -58.7170 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(94, 214, 107)` looks like.

```
.text, #text, p{  
    color:rgb(94, 214, 107)  
}
```

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(94, 214, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 214, 107) }
```

Border

The CSS property to change the border of an element to YIQ 165.9220, -37.1730, -58.7170 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(94, 214, 107) }
```


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

```
.border{ border-color:rgb(94, 214, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 214, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 214, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 214, 107);  
box-shadow:4px 4px 4px 4px rgb(94, 214,  
107) }
```

Background

The CSS property to change the background color of an element to YIQ 165.9220, -37.1730, -58.7170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 214, 107) }
```

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

```
.background{ background-color: rgb(94, 214,  
107) }
```

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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