

Converting Colors

YIQ(157.3020, -50.4670,
-71.0990)

Have a look what the booklet for
YIQ(157.3020, -50.4670, -71.0990)
contains.

YIQ(157.3020, -50.4670, -71.0990)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(157.3020, -50.4670,
-71.0990)**

Conversions

Conversions Part 1

Format	Color
Hex	41D95C
RGB	65, 217, 92
RGB Percent	25%, 85%, 36%
CMY	0.7455, 0.1488, 0.6393
CMYK	0.70, 0.00, 0.58, 0.15
HSL	131°, 67%, 55%
HSV	131°, 70%, 85%
XYZ	28.9324, 51.5507, 18.5446
YIQ	157.3020, -50.4670, -71.0990

Conversions

Conversions Part 2

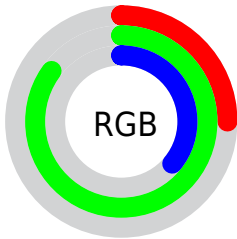
Format	Color
RYB	65, 194, 217
Decimal	4315484
CIELab	77.01, -64.57, 49.50
CIELCh	77, 81.359, 142.523
Yxy	51.5507, 0.2922, 0.5206
Android (android.graphics.Color)	4282505564 (0xFF41D95C)
YUV	157.3020, -32.1939, -80.9489
Hunter-Lab	71.7988, -53.7187, 34.9455

Details

The YIQ color **157.3020, -50.4670, -71.0990** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted green. A complement of this color would be **124.6980, 50.4670, 71.0990**, and the grayscale version is **158.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **205.6830, -37.9980, -60.2860**, and **98.9530, -56.7940, -72.0740** is the 20% darker color. If you saturate the color by 10%, you get **148.6720, -57.8010, -81.3610**, and if you desaturate by 10%, it is **165.9320, -43.1330, -60.8370**.

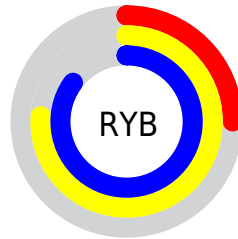
Distribution



Red (25%)

Green (85%)

Blue (36%)



Red (25%)

Yellow (76%)

Blue (85%)

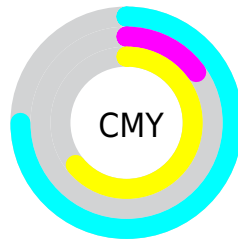


Cyan (70%)

Magenta (0%)

Yellow (58%)

Black (15%)



Cyan (75%)

Magenta (15%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 157.3020, -50.4670, -71.0990 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 157.3020, -50.4670, -71.0990 by changing the saturation by 10% instead.

■ 157.3020,
-50.4670, -71.0990

■ 157.3020,
-50.4670, -71.0990

■ 255.0000, -0.0000,
-0.0000

■ 120.8590,
-68.3930, -76.6250

■ 205.6830,
-37.9980, -60.2860

■ 98.9530, -56.7940,
-72.0740

■ 217.8450,
-29.1060, -45.2180

■ 78.4130, -37.5380,
-68.6260

■ 230.3060,
-19.6180, -29.9380

■ 62.8090, -29.4250,
-55.9610

■ 242.5820,
-11.0470, -14.5590

■ 47.5470, -22.2750,
-42.3630

■ 254.7010, -0.5960,
-0.2120

■ 33.4590, -15.6750,
-29.8110

■ 18.7840, -8.8000,

-16.7360

■ 0.0000, 0.0000,
0.0000

■ 157.3020,
-50.4670, -71.0990

■ 157.3020,
-50.4670, -71.0990

■ 148.6720,
-57.8010, -81.3610

■ 165.9320,
-43.1330, -60.8370

■ 140.0420,
-65.1350, -91.6230

■ 174.2630,
-36.3950, -50.7870

■ 131.8250,
-72.1940, -101.3620

■ 182.8930,
-29.0610, -40.5250

■ 191.4090,
-21.4060, -30.5740

■ 199.7400,
-14.6680, -20.5240

 208.3700, -7.3340,
-10.2620

 217.0000, -0.0000,
0.0000

 225.6300, 7.3340,
10.2620

 232.4660, 11.0920,
19.2520

Harmonies

Analogous

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



172.4130, 41.5510, -64.7290



157.3020, -50.4670, -71.0990



150.6400, -115.5280, -64.9040

Triad

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



157.3020, -50.4670, -71.0990



149.4050, -138.2300, -27.9100



161.7160, 75.2780, 34.4300

Complementary

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



157.3020, -50.4670, -71.0990



124.6980, 50.4670, 71.0990

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.



167.9180, 52.3030, 59.8470



157.3020, -50.4670, -71.0990



178.7050, -40.8090, 18.2230

Square

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



157.3020, -50.4670, -71.0990



157.6230, -142.0800, -35.2320



189.2560, 30.8000, 58.5760



171.5740, 88.8560, -2.4080

Rectangle

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



157.3020, -50.4670, -71.0990



157.2690, -132.8160, -48.9440



189.2560, 30.8000, 58.5760



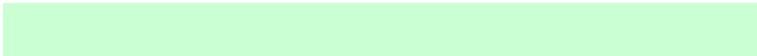
161.6310, 68.6280, 44.8200

Sweetspot

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



157.3020, -50.4670, -71.0990



233.8380, -18.0600, -25.1320



192.1970, 33.8920, -52.5720



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.



157.3020, -50.4670, -71.0990



170.9500, -71.0480, -100.1040



165.7380, -74.2210, -48.0850



105.6850, -3.6670, -5.1310



105.0850, -57.5260, -80.8380



27.9140, -15.2180, -21.5700

Inverse Universe

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



124.6980, 50.4670, 71.0990



125.0500, 71.0480, 100.1040



116.2620, 74.2210, 48.0850



103.3150, 3.6670, 5.1310



68.0290, 57.2050, 81.1490



18.0860, 15.2180, 21.5700

Previews

White Background



This preview shows how the YIQ color 157.3020, -50.4670, -71.0990 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 157.3020, -50.4670, -71.0990 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 157.3020, -50.4670, -71.0990 Background



This preview shows how black text looks on a background with the YIQ color 157.3020, -50.4670, -71.0990.



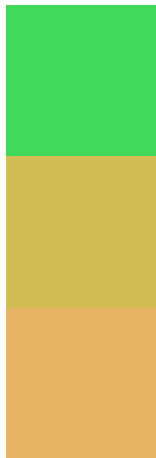
This preview shows how white text looks on a background with the YIQ color 157.3020, -50.4670, -71.0990.

-71.0990.

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

157.3020, -50.4670, -71.0990

Protanopia

182.8960, 45.9460, -28.7260

Deuteranopia

186.3570, 55.4340, -13.4460



Tritanopia

175.9240, -64.7360, -16.2240

Trichromacy



Original Color

157.3020, -50.4670, -71.0990



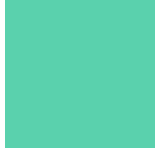
Protanomaly

173.5600, 11.2410, -44.0470



Deuteranomaly

175.5920, 17.3830, -34.2090



Tritanomaly

169.3150, -59.3680, -36.4240

Monochromacy



Original Color

157.3020, -50.4670, -71.0990



Achromatopsia

157.0000, 0.0000, -0.0000



Achromatomaly

157.3110, -18.0140, -25.9660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 157.3020, -50.4670, -71.0990 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(65, 217, 92)` looks like.

```
.text, #text, p{  
    color:rgb(65, 217, 92)  
}
```

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(65, 217, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 217, 92) }
```

Border

The CSS property to change the border of an element to YIQ 157.3020, -50.4670, -71.0990 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(65, 217, 92) }
```


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

```
.border{ border-color:rgb(65, 217, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 217, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 217, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 217, 92);  
box-shadow:4px 4px 4px 4px rgb(65, 217,  
92) }
```

Background

The CSS property to change the background color of an element to YIQ 157.3020, -50.4670, -71.0990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 217, 92) }
```

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

```
.background{ background-color: rgb(65, 217,  
92) }
```

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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