

Converting Colors

YIQ(155.2670, -43.3590,
-78.7750)

Have a look what the booklet for
YIQ(155.2670, -43.3590, -78.7750)
contains.

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Color

**YIQ(155.2670, -43.3590,
-78.7750)**

Conversions

Conversions Part 1

Format	Color
Hex	41DA45
RGB	65, 218, 69
RGB Percent	25%, 85%, 27%
CMY	0.7456, 0.1448, 0.7294
CMYK	0.70, 0.00, 0.68, 0.14
HSL	122°, 67%, 55%
HSV	122°, 70%, 86%
XYZ	28.3340, 51.7253, 14.1185
YIQ	155.2670, -43.3590, -78.7750

Conversions

Conversions Part 2

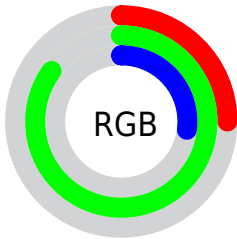
Format	Color
RYB	65, 214, 218
Decimal	4315717
CIELab	77.12, -67.35, 59.32
CIELCh	77, 89.749, 138.631
Yxy	51.7253, 0.3009, 0.5492
Android (android.graphics.Color)	4282505797 (0xFF41DA45)
YUV	155.2670, -42.5296, -79.1642
Hunter-Lab	71.9203, -55.5380, 38.7051

Details

The YIQ color **155.2670, -43.3590, -78.7750** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **127.7330, 43.3590, 78.7750**, and the grayscale version is **156.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **203.5880, -30.6610, -66.6050**, and **95.0940, -44.5500, -84.7260** is the 20% darker color. If you saturate the color by 10%, you get **146.2950, -49.7300, -89.9700**, and if you desaturate by 10%, it is **164.2390, -36.9880, -67.5800**.

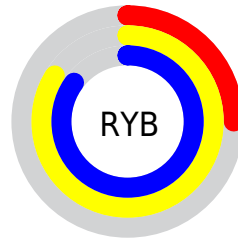
Distribution



Red (25%)

Green (85%)

Blue (27%)



Red (25%)

Yellow (84%)

Blue (85%)

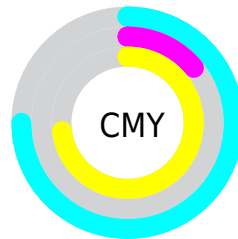


Cyan (70%)

Magenta (0%)

Yellow (68%)

Black (14%)



Cyan (75%)

Magenta (14%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 155.2670, -43.3590, -78.7750 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 155.2670, -43.3590, -78.7750 by changing the saturation by 10% instead.

■ 155.2670,
-43.3590, -78.7750

■ 155.2670,
-43.3590, -78.7750

■ 255.0000, -0.0000,
-0.0000

■ 116.8730,
-62.9810, -86.6050

■ 203.5880,
-30.6610, -66.6050

■ 95.0940, -44.5500,
-84.7260

■ 216.0490,
-21.1730, -51.3250

■ 78.6580, -36.8500,
-70.0820

■ 228.5100,
-11.6850, -36.0450

■ 63.3960, -29.7000,
-56.4840

■ 240.7860, -3.1140,
-20.6660

■ 48.1340, -22.5500,
-42.8860

■ 253.0620, 5.4570,
-5.2870

■ 34.0460, -15.9500,
-30.3340

■ 18.7840, -8.8000,

-16.7360

■ 0.0000, 0.0000,
0.0000

■ 155.2670,
-43.3590, -78.7750

■ 155.2670,
-43.3590, -78.7750

■ 146.2950,
-49.7300, -89.9700

■ 164.2390,
-36.9880, -67.5800

■ 137.3230,
-56.1010, -101.1650

■ 172.9120,
-31.2130, -56.5970


■ 128.6500,
-61.8760, -112.1480

■ 181.9980,
-25.1630, -45.0910


■ 190.9700,
-18.7920, -33.8960

■ 199.9420,
-12.4210, -22.7010

 208.9140, -6.0500,
-11.5060

 218.0000, -0.0000,
0.0000

 226.6730, 5.7750,
10.9830

 233.2810, 10.1750,
19.3510

Harmonies

Analogous

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



172.0950, 51.1340, -67.6980



155.2670, -43.3590, -78.7750



150.3320, -111.9050, -69.9930

Triad

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



155.2670, -43.3590, -78.7750



151.7530, -139.3300, -30.0020



153.0080, 77.7520, 44.6640

Complementary

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



155.2670, -43.3590, -78.7750



127.7330, 43.3590, 78.7750

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.



163.0570, 50.8340, 69.9540



155.2670, -43.3590, -78.7750



169.0930, -65.7490, 7.6510

Square

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



155.2670, -43.3590, -78.7750



160.5580, -143.4550, -37.8470



188.6690, 31.0750, 59.0990



164.6610, 93.1650, 2.1010

Rectangle

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



155.2670, -43.3590, -78.7750



158.1180, -131.0730, -53.0010



188.6690, 31.0750, 59.0990



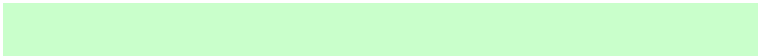
153.1510, 70.4600, 55.6760

Sweetspot

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



155.2670, -43.3590, -78.7750



232.9260, -15.4920, -27.6200



199.9600, 47.9210, -48.0070



114.7840, -8.8000, -16.7360



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.



155.2670, -43.3590, -78.7750



167.3020, -60.7760, -110.0560



163.8170, -67.4340, -55.4500



105.4570, -3.0250, -5.7530



102.1210, -49.1800, -88.9240



27.1160, -12.9710, -23.7470

Inverse Universe

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



127.7330, 43.3590, 78.7750



128.6980, 60.7760, 110.0560



119.1830, 67.4340, 55.4500



103.4290, 3.3460, 5.4420



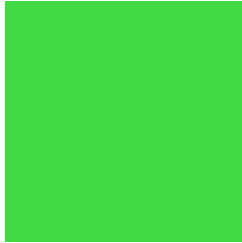
70.9930, 48.8590, 89.2350



18.8840, 12.9710, 23.7470

Previews

White Background



This preview shows how the YIQ color 155.2670, -43.3590, -78.7750 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 155.2670, -43.3590, -78.7750 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 155.2670, -43.3590, -78.7750 Background



This preview shows how black text looks on a background with the YIQ color 155.2670, -43.3590, -78.7750.



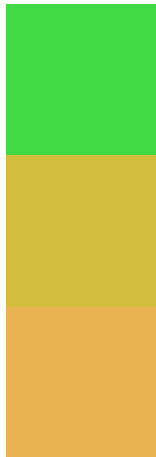
This preview shows how white text looks on a background with the YIQ color 155.2670, -43.3590, -78.7750.

-78.7750.

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

155.2670, -43.3590, -78.7750

Protanopia

180.9860, 54.2000, -35.1440

Deuteranopia

184.3870, 63.9170, -18.5070



Tritanopia

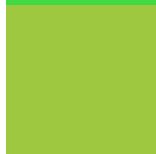
176.8210, -62.9480, -15.5880

Trichromacy



Original Color

155.2670, -43.3590, -78.7750



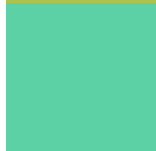
Protanomaly

171.9380, 18.6240, -51.2000



Deuteranomaly

173.7960, 25.3160, -40.3160



Tritanomaly

169.0010, -55.6080, -38.4880

Monochromacy



Original Color

155.2670, -43.3590, -78.7750



Achromatopsia

155.0000, -0.0000, 0.0000



Achromatomaly

155.1000, -16.0420, -28.6660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 155.2670, -43.3590, -78.7750 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, 218, 69)` looks like.

```
.text, #text, p{  
    color:rgb(65, 218, 69)  
}
```

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, 218, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 218, 69) }
```

Border

The CSS property to change the border of an element to YIQ 155.2670, -43.3590, -78.7750 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, 218, 69) }
```


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

```
.border{ border-color:rgb(65, 218, 69) }
```

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

Here you see how a box with a 4 pixel rgb(65, 218, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 218, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 218, 69);  
box-shadow:4px 4px 4px 4px rgb(65, 218,  
69) }
```

Background

The CSS property to change the background color of an element to YIQ 155.2670, -43.3590, -78.7750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 218, 69) }
```

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

```
.background{ background-color: rgb(65, 218,  
69) }
```

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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