

Converting Colors

YIQ(156.8500, -63.0330,
-52.6090)

Have a look what the booklet for
YIQ(156.8500, -63.0330, -52.6090)
contains.

YIQ(156.8500, -63.0330, -52.6090)	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(156.8500, -63.0330,
-52.6090)**

Conversions

Conversions Part 1

Format	Color
Hex	40D089
RGB	64, 208, 137
RGB Percent	25%, 82%, 54%
CMY	0.7494, 0.1841, 0.4629
CMYK	0.69, 0.00, 0.34, 0.18
HSL	150°, 61%, 53%
HSV	150°, 69%, 82%
XYZ	29.1903, 48.0326, 31.3809
YIQ	156.8500, -63.0330, -52.6090

Conversions

Conversions Part 2

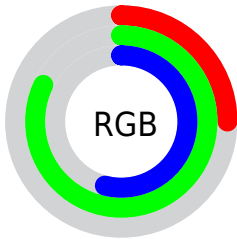
Format	Color
RYB	64, 160, 208
Decimal	4247689
CIELab	74.85, -54.23, 24.52
CIELCh	75, 59.519, 155.670
Yxy	48.0326, 0.2688, 0.4423
Android (android.graphics.Color)	4282437769 (0xFF40D089)
YUV	156.8500, -9.7860, -81.4294
Hunter-Lab	69.3055, -46.1035, 21.6679

Details

The YIQ color **156.8500, -63.0330, -52.6090** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **115.1500, 63.0330, 52.6090**, and the grayscale version is **157.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **209.7310, -55.1480, -46.8280**, and **99.1420, -69.7270, -52.4390** is the 20% darker color. If you saturate the color by 10%, you get **149.4310, -72.3390, -60.1710**, and if you desaturate by 10%, it is **164.2690, -53.7270, -45.0470**.

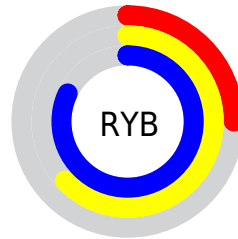
Distribution



Red (25%)

Green (82%)

Blue (54%)



Red (25%)

Yellow (63%)

Blue (82%)

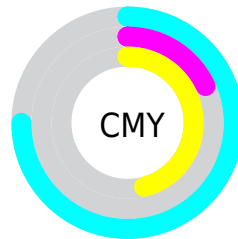


Cyan (69%)

Magenta (0%)

Yellow (34%)

Black (18%)



Cyan (75%)

Magenta (18%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 156.8500, -63.0330, -52.6090 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 156.8500, -63.0330, -52.6090 by changing the saturation by 10% instead.

■ 156.8500,
-63.0330, -52.6090

■ 156.8500,
-63.0330, -52.6090

■ 255.0000, -0.0000,
-0.0000

■ 122.5000,
-76.7870, -56.6510

■ 209.7310,
-55.1480, -46.8280

■ 99.0280, -69.4060,
-52.7500

■ 222.1920,
-45.6600, -31.5480

■ 81.1440, -54.8730,
-46.3050

■ 234.3540,
-36.7680, -16.4800

■ 63.2600, -40.3400,
-39.8600

■ 244.2360,
-21.4560, -7.6320

■ 45.3760, -25.8070,
-33.4150

■ 253.2060, -3.5760,
-1.2720

■ 29.9370, -14.0250,
-26.6730

■ 15.2620, -7.1500,

-13.5980

■ 0.0000, 0.0000,
0.0000

■ 156.8500,
-63.0330, -52.6090

■ 156.8500,
-63.0330, -52.6090

■ 149.4310,
-72.3390, -60.1710

■ 164.2690,
-53.7270, -45.0470

■ 141.8980,
-81.3240, -68.0440

■ 171.6880,
-44.4210, -37.4850

■ 134.4790,
-90.6300, -75.6060


■ 178.9220,
-36.0320, -29.8240


■ 134.0660,
-90.9050, -76.1290


■ 186.3410,
-26.7260, -22.2620

■ 193.7600,
-17.4200, -14.7000

 201.2930, -8.4350,
-6.8270

 208.7120, 0.8710,
0.7350

 215.8320, 9.5810,
8.0850

 223.2510, 18.8870,
15.6470

Harmonies

Analogous

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



171.4390, 4.2720, -44.4000



156.8500, -63.0330, -52.6090



145.8590, -119.9780, -50.3300

Triad

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



156.8500, -63.0330, -52.6090



168.7390, -73.6800, 2.7040



175.3820, 72.6220, 16.4780

Complementary

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



156.8500, -63.0330, -52.6090



115.1500, 63.0330, 52.6090

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.



176.1410, 58.0840, 37.6680



156.8500, -63.0330, -52.6090



186.6110, -7.7090, 35.0990

Square

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



156.8500, -63.0330, -52.6090



147.6440, -137.4050, -26.3410



187.5800, 38.2750, 49.7550



181.3660, 77.5780, -7.2700

Rectangle

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



156.8500, -63.0330, -52.6090



150.0770, -131.8550, -38.8230



187.5800, 38.2750, 49.7550



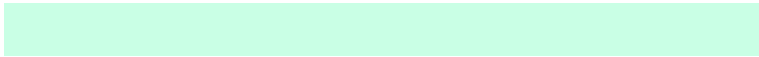
174.3850, 68.5400, 24.3800

Sweetspot

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



156.8500, -63.0330, -52.6090



235.8900, -23.8380, -19.5340



170.0560, 3.3120, -60.0480



116.6080, -13.9360, -11.7600



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.



156.8500, -63.0330, -52.6090



179.7560, -92.9680, -77.2880



164.9440, -85.8240, -30.5280



101.0270, -4.6300, -4.1980



108.3060, -73.4850, -61.4290



26.4610, -18.0160, -14.9120

Inverse Universe

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



115.1500, 63.0330, 52.6090



118.3580, 92.6470, 77.5990



107.0560, 85.8240, 30.5280



97.8590, 4.9510, 3.8870



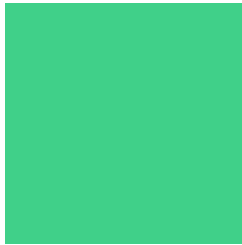
59.6940, 73.4850, 61.4290



14.5390, 18.0160, 14.9120

Previews

White Background



This preview shows how the YIQ color 156.8500, -63.0330, -52.6090 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 156.8500, -63.0330, -52.6090 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 156.8500, -63.0330, -52.6090 Background



This preview shows how black text looks on a background with the YIQ color 156.8500, -63.0330, -52.6090.



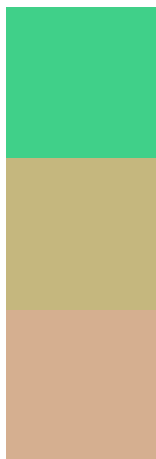
This preview shows how white text looks on a background with the YIQ color 156.8500, -63.0330, -52.6090.

-52.6090.

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

156.8500, -63.0330, -52.6090

Protanopia

180.6880, 26.6410, -14.7590

Deuteranopia

182.8280, 32.5990, -1.5850



Tritanopia

168.8420, -67.4410, -16.7610

Trichromacy



Original Color

156.8500, -63.0330, -52.6090



Protanomaly

172.0750, -5.7260, -28.3980



Deuteranomaly

173.3840, -1.9220, -20.2420



Tritanomaly

164.7090, -66.1090, -29.8930

Monochromacy



Original Color

156.8500, -63.0330, -52.6090



Achromatopsia

157.0000, 0.0000, -0.0000



Achromatomaly

157.1890, -23.2420, -19.3220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 156.8500, -63.0330, -52.6090 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(64, 208, 137)` looks like.

```
.text, #text, p{  
    color:rgb(64, 208, 137)  
}
```

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(64, 208, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 208, 137) }
```

Border

The CSS property to change the border of an element to YIQ 156.8500, -63.0330, -52.6090 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(64, 208, 137) }
```


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

```
.border{ border-color:rgb(64, 208, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 208, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 208, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 208, 137);  
box-shadow:4px 4px 4px 4px rgb(64, 208,  
137) }
```

Background

The CSS property to change the background color of an element to YIQ 156.8500, -63.0330, -52.6090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 208, 137) }
```

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

```
.background{ background-color: rgb(64, 208,  
137) }
```

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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