

Converting Colors

YIQ(152.9450, 17.8870,
-32.3290)

Have a look what the booklet for
YIQ(152.9450, 17.8870, -32.3290)
contains.

YIQ(152.9450, 17.8870, -32.3290)	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(152.9450, 17.8870,
-32.3290)**

Conversions

Conversions Part 1

Format	Color
Hex	96A94E
RGB	150, 169, 78
RGB Percent	59%, 66%, 31%
CMY	0.4119, 0.3372, 0.6940
CMYK	0.11, 0.00, 0.54, 0.34
HSL	73°, 37%, 48%
HSV	73°, 54%, 66%
XYZ	28.1387, 35.4110, 12.5664
YIQ	152.9450, 17.8870, -32.3290

Conversions

Conversions Part 2

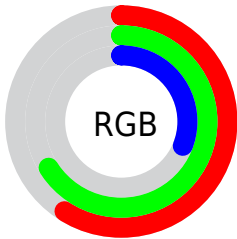
Format	Color
RYB	78, 169, 97
Decimal	9873742
CIELab	66.07, -20.50, 44.12
CIELCh	66, 48.649, 114.919
Yxy	35.4110, 0.3697, 0.4652
Android (android.graphics.Color)	4288063822 (0xFF96A94E)
YUV	152.9450, -36.9479, -2.5828
Hunter-Lab	59.5071, -19.7313, 29.1344

Details

The YIQ color **152.9450, 17.8870, -32.3290** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **94.0550, -17.8870, 32.3290**, and the grayscale version is **153.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **207.9020, 19.4460, -33.0500**, and **100.7600, 16.9700, -32.2300** is the 20% darker color. If you saturate the color by 10%, you get **149.8110, 20.9600, -38.4640**, and if you desaturate by 10%, it is **156.0790, 14.8140, -26.1940**.

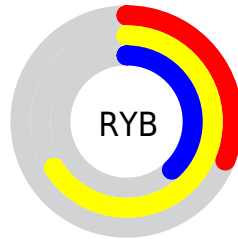
Distribution



Red (59%)

Green (66%)

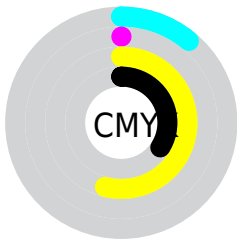
Blue (31%)



Red (31%)

Yellow (66%)

Blue (38%)

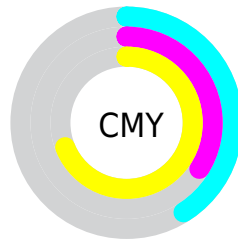


Cyan (11%)

Magenta (0%)

Yellow (54%)

Black (34%)



Cyan (41%)


Magenta (34%)


Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 152.9450, 17.8870, -32.3290 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 152.9450, 17.8870, -32.3290 by changing the saturation by 10% instead.


 152.9450, 17.8870,
-32.3290


 152.9450, 17.8870,
-32.3290


255.0000, -0.0000,
-0.0000


 126.7600, 16.9700,
-32.2300


 207.9020, 19.4460,
-33.0500


 100.7600, 16.9700,
-32.2300


 236.6740, 20.0880,
-33.6720

 75.2330, 17.0160,
-33.0640


 246.9060, 22.7910,
-22.0810

 54.5560, 9.0370,
-26.1230

 250.0980, 13.8030,
-13.3730

 33.2810, -0.1340,
-19.6060

 253.4040, 4.4940,
-4.3540

 15.8490, -7.4250,
-14.1210

 0.0000, 0.0000,

0.0000

■ 152.9450, 17.8870,
-32.3290

■ 152.9450, 17.8870,
-32.3290

■ 149.8110, 20.9600,
-38.4640

■ 156.0790, 14.8140,
-26.1940

■ 146.9760, 24.6290,
-44.3870

■ 158.9140, 11.1450,
-20.2710

■ 143.8420, 27.7020,
-50.5220

■ 162.0480, 8.0720,
-14.1360

■ 141.0070, 31.3710,
-56.4450

■ 164.8830, 4.4030,
-8.2130

■ 139.2690, 33.3890,
-59.9790

■ 168.0170, 1.3300,
-2.0780

■ 170.7380, -2.0180,
3.5340

■ 173.8720, -5.0910,
9.6690

■ 176.7070, -8.7600,
15.5920

■ 179.8410,
-11.8330, 21.7270

Harmonies

Analogous

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



157.3730, 49.3370, -18.5910



152.9450, 17.8870, -32.3290



145.8010, -25.8060, -38.9420

Triad

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



152.9450, 17.8870, -32.3290



130.8200, -123.1010, -21.2530



163.0310, 52.5820, 38.2620

Complementary

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



152.9450, 17.8870, -32.3290



94.0550, -17.8870, 32.3290

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.



165.4910, 19.1120, 39.1120



152.9450, 17.8870, -32.3290



143.5290, -90.6440, 1.7720

Square

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



152.9450, 17.8870, -32.3290



129.1780, -112.9660, -34.2300



162.0320, -28.2480, 27.3680



160.6840, 69.1360, 24.5920

Rectangle

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



152.9450, 17.8870, -32.3290



134.0100, -68.9950, -43.6750



162.0320, -28.2480, 27.3680



164.2950, 43.0910, 39.5630

Sweetspot

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



152.9450, 17.8870, -32.3290



212.9170, 7.0630, -12.3690



115.7750, 49.2860, 9.8780



106.1110, 3.7610, -7.5910



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



152.9450, 17.8870, -32.3290



193.8420, 27.7020, -50.5220



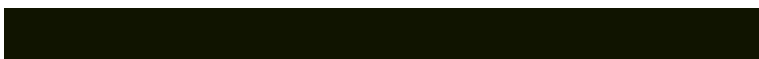
139.4900, -8.9330, -41.8690



82.4900, 1.3760, -2.9120



121.8590, 29.0320, -52.6000



16.5240, 4.0360, -7.0680

Inverse Universe

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



94.0550, -17.8870, 32.3290



102.1580, -27.7020, 50.5220



107.5100, 8.9330, 41.8690



77.2110, -1.9720, 2.7000



26.1410, -29.0320, 52.6000



3.4760, -4.0360, 7.0680

Previews

White Background



This preview shows how the YIQ color 152.9450, 17.8870, -32.3290 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 152.9450, 17.8870, -32.3290 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 152.9450, 17.8870, -32.3290

Background



This preview shows how black text looks on a background with the YIQ color 152.9450, 17.8870, -32.3290.



This preview shows how white text looks on a background with the YIQ color 152.9450, 17.8870,

-32.3290.

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

152.9450, 17.8870, -32.3290

Protanopia

155.6920, 38.0130, -22.6190

Deuteranopia

158.0620, 49.0150, -12.7530



Tritanopia

161.0800, -2.9810, 4.4670

Trichromacy



Original Color

152.9450, 17.8870, -32.3290

Protanomaly

154.5770, 30.9070, -25.9970

Deuteranomaly

156.3870, 37.5540, -19.8060

Tritanomaly

158.3560, 4.4490, -9.0470

Monochromacy



Original Color

152.9450, 17.8870, -32.3290

Achromatopsia

153.0000, 0.0000, -0.0000

Achromatomaly

153.1450, 6.4210, -11.7470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 152.9450, 17.8870, -32.3290 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(150, 169, 78)` looks like.

```
.text, #text, p{  
    color:rgb(150, 169, 78)  
}
```

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(150, 169, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 169, 78) }
```

Border

The CSS property to change the border of an element to YIQ 152.9450, 17.8870, -32.3290 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(150, 169, 78) }
```


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

```
.border{ border-color:rgb(150, 169, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 169, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 169, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 169, 78);  
box-shadow:4px 4px 4px 4px rgb(150, 169,  
78) }
```

Background

The CSS property to change the background color of an element to YIQ 152.9450, 17.8870, -32.3290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 169, 78) }
```

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

```
.background{ background-color: rgb(150,  
169, 78) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor