

Converting Colors

YIQ(157.9750, 43.5650,
-46.1550)

Have a look what the booklet for
YIQ(157.9750, 43.5650, -46.1550)
contains.

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Color

**YIQ(157.9750, 43.5650,
-46.1550)**

Conversions

Conversions Part 1

Format	Color
Hex	ABB01F
RGB	171, 176, 31
RGB Percent	67%, 69%, 12%
CMY	0.3295, 0.3098, 0.8781
CMYK	0.03, 0.00, 0.82, 0.31
HSL	62°, 70%, 41%
HSV	62°, 82%, 69%
XYZ	32.5629, 39.8057, 7.2684
YIQ	157.9750, 43.5650, -46.1550

Conversions

Conversions Part 2

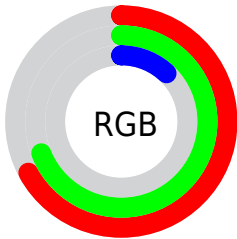
Format	Color
RYB	31, 176, 36
Decimal	11251743
CIELab	69.33, -17.94, 65.99
CIELCh	69, 68.387, 105.211
Yxy	39.8057, 0.4089, 0.4998
Android (android.graphics.Color)	4289441823 (0xFFABB01F)
YUV	157.9750, -62.5987, 11.4229
Hunter-Lab	63.0917, -18.2832, 37.3338

Details

The YIQ color **157.9750, 43.5650, -46.1550** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **49.0250, -43.5650, 46.1550**, and the grayscale version is **159.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **214.7410, 44.3440, -43.7520**, and **107.1730, 34.4400, -40.4720** is the 20% darker color. If you saturate the color by 10%, you get **155.6240, 48.7470, -51.9650**, and if you desaturate by 10%, it is **160.3260, 38.3830, -40.3450**.

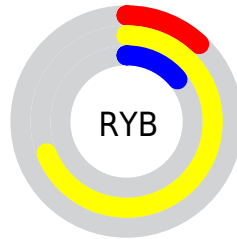
Distribution



Red (67%)

Green (69%)

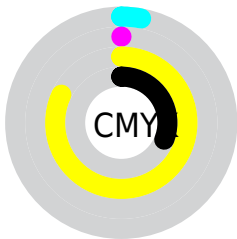
Blue (12%)



Red (12%)

Yellow (69%)

Blue (14%)

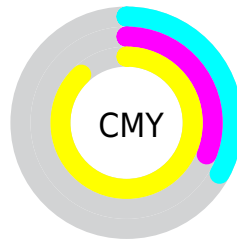


Cyan (3%)

Magenta (0%)

Yellow (82%)

Black (31%)



Cyan (33%)

Magenta (31%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 157.9750, 43.5650, -46.1550 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 157.9750, 43.5650, -46.1550 by changing the saturation by 10% instead.

■ 157.9750, 43.5650,
-46.1550

■ 157.9750, 43.5650,
-46.1550

■ 255.0000, -0.0000,
-0.0000

■ 130.2200, 44.2530,
-47.6110

■ 214.7410, 44.3440,
-43.7520

■ 107.1730, 34.4400,
-40.4720

■ 239.4960, 43.6560,
-42.2960

■ 84.4250, 25.2230,
-33.1210

■ 242.5740, 34.9890,
-33.8990

■ 62.2640, 15.7310,
-26.2930

■ 245.8800, 25.6800,
-24.8800

■ 41.2770, 5.6890,
-20.5110

■ 249.0720, 16.6920,
-16.1720

■ 20.2790, -5.8200,
-15.6760

■ 252.3780, 7.3830,

■ 0.0000, 0.0000,

-7.1530

0.0000

■ 157.9750, 43.5650,
-46.1550

■ 157.9750, 43.5650,
-46.1550

■ 155.6240, 48.7470,
-51.9650

■ 160.3260, 38.3830,
-40.3450

■ 154.1420, 52.9200,
-56.0080

■ 162.2640, 32.9260,
-35.0580

■ 164.6150, 27.7440,
-29.2480

■ 166.5530, 22.2870,
-23.9610

■ 168.9040, 17.1050,
-18.1510

■ 171.2550, 11.9230,
-12.3410

■ 173.1930, 6.4660,
-7.0540

■ 175.5440, 1.2840,
-1.2440

■ 177.4820, -4.1730,
4.0430

Harmonies

Analogous

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



162.8910, 79.8730, -21.3350



157.9750, 43.5650, -46.1550



149.7950, -17.6420, -54.7460

Triad

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



157.9750, 43.5650, -46.1550



143.5350, -135.4800, -22.6800



166.8920, 55.1920, 57.0480

Complementary

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



157.9750, 43.5650, -46.1550



49.0250, -43.5650, 46.1550

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.



174.0510, 6.2720, 51.5520



157.9750, 43.5650, -46.1550



137.6650, -132.7300, -17.4500

Square

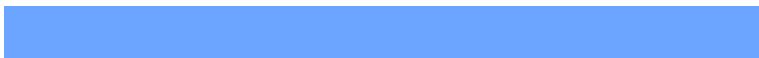
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



157.9750, 43.5650, -46.1550



139.6130, -118.9250, -41.8770



157.9180, -63.4580, 15.6940



157.3620, 76.5150, 39.5470

Rectangle

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



157.9750, 43.5650, -46.1550



127.5750, -90.5400, -66.2200



157.9180, -63.4580, 15.6940



171.6830, 45.6550, 59.1830

Sweetspot

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



157.9750, 43.5650, -46.1550



222.7900, 17.4260, -18.4620



77.2900, 85.0450, 28.1250



110.7110, 10.6390, -11.0970



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



157.9750, 43.5650, -46.1550



201.6160, 68.4200, -72.6040



136.4470, 0.6530, -61.4190



87.9740, 2.8890, -2.7990



134.0630, 46.1330, -48.6430



22.7370, 7.7500, -8.2980

Inverse Universe

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



49.0250, -43.5650, 46.1550



30.3840, -68.4200, 72.6040



70.5530, -0.6530, 61.4190



81.3250, -2.2930, 3.0110



18.9370, -46.1330, 48.6430



3.2630, -7.7500, 8.2980

Previews

White Background



This preview shows how the YIQ color 157.9750, 43.5650, -46.1550 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 157.9750, 43.5650, -46.1550 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 157.9750, 43.5650, -46.1550

Background



This preview shows how black text looks on a background with the YIQ color 157.9750, 43.5650, -46.1550.



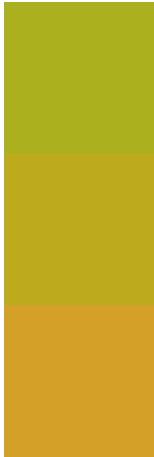
This preview shows how white text looks on a background with the YIQ color 157.9750, 43.5650,

-46.1550.

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

157.9750, 43.5650, -46.1550

Protanopia

159.9060, 57.1810, -39.6110

Deuteranopia

162.1670, 70.1080, -26.0840



Tritanopia

171.1630, 7.1510, 8.0710

Trichromacy



Original Color

157.9750, 43.5650, -46.1550

Protanomaly

159.1010, 52.1380, -41.8300

Deuteranomaly

160.8620, 60.4810, -33.3350

Tritanomaly

166.2730, 20.6800, -11.3520

Monochromacy



Original Color

157.9750, 43.5650, -46.1550

Achromatopsia

158.0000, -0.0000, 0.0000

Achromatomaly

158.3600, 15.8210, -16.9070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 157.9750, 43.5650, -46.1550 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(171, 176, 31)` looks like.

```
.text, #text, p{  
    color:rgb(171, 176, 31)  
}
```

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(171, 176, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 176, 31) }
```

Border

The CSS property to change the border of an element to YIQ 157.9750, 43.5650, -46.1550 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(171, 176, 31) }
```


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

```
.border{ border-color:rgb(171, 176, 31) }
```

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

Here you see how a box with a 4 pixel rgb(171, 176, 31) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 176, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 176, 31);  
box-shadow:4px 4px 4px 4px rgb(171, 176,  
31) }
```

Background

The CSS property to change the background color of an element to YIQ 157.9750, 43.5650, -46.1550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 176, 31) }
```

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

```
.background{ background-color: rgb(171,  
176, 31) }
```

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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