

Converting Colors

YIQ(123.4540, 10.2250, -3.5910)

Have a look what the booklet for
YIQ(123.4540, 10.2250, -3.5910)
contains.

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Color

**YIQ(123.4540, 10.2250,
-3.5910)**

Conversions

Conversions Part 1

Format	Color
Hex	837B6A
RGB	131, 123, 106
RGB Percent	51%, 48%, 42%
CMY	0.4863, 0.5176, 0.5843
CMYK	0.00, 0.06, 0.19, 0.49
HSL	41°, 11%, 46%
HSV	41°, 19%, 51%
XYZ	19.0452, 20.0314, 16.5021
YIQ	123.4540, 10.2250, -3.5910

Conversions

Conversions Part 2

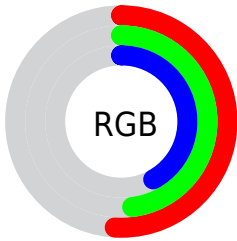
Format	Color
R_{YB}	118, 131, 106
Decimal	8616810
CIE _{Lab}	51.87, 0.03, 10.39
CIE _{LCh}	52, 10.390, 89.833
Yxy	20.0314, 0.3427, 0.3604
Android (android.graphics.Color)	4286806890 (0xFF837B6A)
YUV	123.4540, -8.6048, 6.6178
Hunter-Lab	44.7565, -2.3670, 9.4688

Details

The YIQ color $123.4540, 10.2250, -3.5910$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $113.5460, -10.2250, 3.5910$, and the grayscale version is $124.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $175.6390, 11.1420, -3.6900$, and $74.3830, 8.9870, -3.1810$ is the 20% darker color. If you saturate the color by 10%, you get $119.6240, 15.4980, -5.5420$, and if you desaturate by 10%, it is $127.2840, 4.9520, -1.6400$.

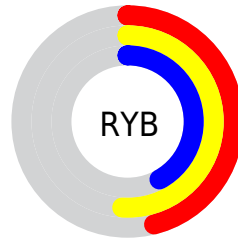
Distribution



Red (51%)

Green (48%)

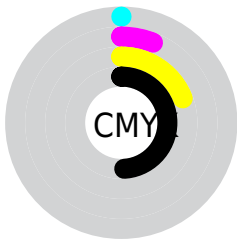
Blue (42%)



Red (46%)

Yellow (51%)

Blue (42%)

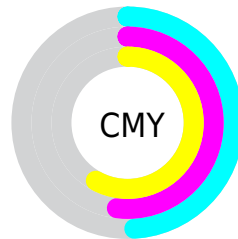


Cyan (0%)

Magenta (6%)

Yellow (19%)

Black (49%)



Cyan (49%)


Magenta (52%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 123.4540, 10.2250, -3.5910 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 123.4540, 10.2250, -3.5910 by changing the saturation by 10% instead.


 123.4540, 10.2250,
-3.5910


 123.4540, 10.2250,
-3.5910


255.0000, -0.0000,
-0.0000


 98.5680, 9.9040,
-3.2800

 175.6390, 11.1420,
-3.6900

 74.3830, 8.9870,
-3.1810


 203.5250, 11.4630,
-4.0010


 52.0840, 8.3910,
-3.3930

 231.5250, 11.4630,
-4.0010

 30.7850, 7.7950,
-3.6050

 253.2900, 4.8150,
-4.6650

 6.8110, 4.9060,
-0.8060

 0.0000, 0.0000,
0.0000

■ 123.4540, 10.2250,
-3.5910

■ 123.4540, 10.2250,
-3.5910

■ 119.6240, 15.4980,
-5.5420

■ 127.2840, 4.9520,
-1.6400

■ 115.7940, 20.7710,
-7.4930

■ 131.1140, -0.3210,
0.3110

■ 111.3770, 26.3190,
-8.9210

■ 135.5310, -5.8690,
1.7390

■ 107.5470, 31.5920,
-10.8720

■ 139.3610,
-11.1420, 3.6900

■ 103.7170, 36.8650,
-12.8230

■ 143.3050,
-16.7360, 5.9520

■ 99.7730, 42.4590,
-15.0850

■ 147.1350,
-22.0090, 7.9030

■ 95.9430, 47.7320,
-17.0360

■ 150.9650,
-27.2820, 9.8540

■ 91.5260, 53.2800,

■ 155.3820,

-18.4640

-32.8300, 11.2820

■ 91.4120, 53.6010,
-18.7750

■ 159.2120,
-38.1030, 13.2330

Harmonies

Analogous

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



124.4270, 14.8550, 0.6070



123.4540, 10.2250, -3.5910



122.4530, 2.7980, -6.6580

Triad

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



123.4540, 10.2250, -3.5910



120.9700, -17.6510, -5.0030



125.3800, 5.0420, 7.7460

Complementary

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



123.4540, 10.2250, -3.5910



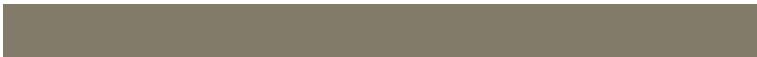
113.5460, -10.2250, 3.5910

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.



124.2480, -3.3940, 6.4460



123.4540, 10.2250, -3.5910



121.7900, -16.9640, -0.9320

Square

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



123.4540, 10.2250, -3.5910



120.5420, -13.5700, -7.3780



122.9480, -11.4170, 3.1670



125.5610, 11.7820, 6.7420

Rectangle

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



123.4540, 10.2250, -3.5910



121.4030, -2.9330, -7.4210



122.9480, -11.4170, 3.1670



125.2980, 2.3370, 7.2090

Sweetspot

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



123.4540, 10.2250, -3.5910



168.0990, 4.0350, -1.5410



114.3870, 12.3320, 7.7880



85.1420, 2.4760, -0.8200



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



123.4540, 10.2250, -3.5910



158.9230, 16.0940, -5.3300



126.9540, 5.6410, -8.6230



64.1420, 2.4760, -0.8200



90.5260, 53.2800, -18.4640



2.0710, 1.2380, -0.4100

Inverse Universe

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



113.5460, -10.2250, 3.5910



143.4900, -15.8190, 5.8530



110.0460, -5.6410, 8.6230



61.8580, -2.4760, 0.8200



39.4740, -53.2800, 18.4640



0.9290, -1.2380, 0.4100

Previews

White Background



This preview shows how the YIQ color 123.4540, 10.2250, -3.5910 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 123.4540, 10.2250, -3.5910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

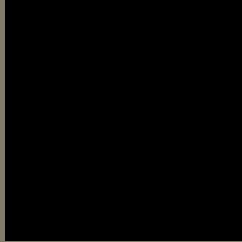
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 123.4540, 10.2250, -3.5910

Background



This preview shows how black text looks on a background with the YIQ color 123.4540, 10.2250, -3.5910.



This preview shows how white text looks on a background with the YIQ color 123.4540, 10.2250, -3.5910.

-3.5910.

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

123.4540, 10.2250, -3.5910

Protanopia

123.1550, 9.6290, -3.8030

Deuteranopia

124.5090, 17.5600, 1.1440



Tritanopia

125.2120, 5.4550, 5.7670

Trichromacy



Original Color

123.4540, 10.2250, -3.5910

Protanomaly

123.1550, 9.6290, -3.8030

Deuteranomaly

123.9000, 14.9010, -0.2270

Tritanomaly

124.5880, 7.1520, 2.5440

Monochromacy



Original Color

123.4540, 10.2250, -3.5910

Achromatopsia

123.0000, -0.0000, -0.0000

Achromatomaly

123.2130, 3.7140, -1.2300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 123.4540, 10.2250, -3.5910 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(131, 123, 106)` looks like.

```
.text, #text, p{  
    color:rgb(131, 123, 106)  
}
```

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(131, 123, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 123, 106) }
```

Border

The CSS property to change the border of an element to YIQ 123.4540, 10.2250, -3.5910 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(131, 123, 106) }
```


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

```
.border{ border-color:rgb(131, 123, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 123, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 123, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 123, 106);  
box-shadow:4px 4px 4px 4px rgb(131, 123,  
106) }
```

Background

The CSS property to change the background color of an element to YIQ 123.4540, 10.2250, -3.5910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 123, 106) }
```

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

```
.background{ background-color: rgb(131,  
123, 106) }
```

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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