

Converting Colors

YIQ(134.9540, 5.6410, -8.6230)

Have a look what the booklet for
YIQ(134.9540, 5.6410, -8.6230)
contains.

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Color

**YIQ(134.9540, 5.6410,
-8.6230)**

Conversions

Conversions Part 1

Format	Color
Hex	878B72
RGB	135, 139, 114
RGB Percent	53%, 55%, 45%
CMY	0.4706, 0.4549, 0.5529
CMYK	0.03, 0.00, 0.18, 0.45
HSL	70°, 10%, 50%
HSV	70°, 18%, 55%
XYZ	22.2614, 24.8312, 19.5424
YIQ	134.9540, 5.6410, -8.6230

Conversions

Conversions Part 2

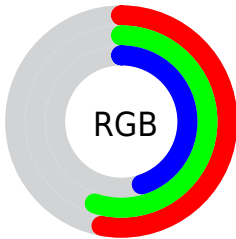
Format	Color
RYB	114, 139, 118
Decimal	8883058
CIELab	56.91, -6.06, 12.89
CIElCh	57, 14.247, 115.189
Yxy	24.8312, 0.3341, 0.3726
Android (android.graphics.Color)	4287073138 (0xFF878B72)
YUV	134.9540, -10.3303, 0.0403
Hunter-Lab	49.8309, -7.4614, 11.6297

Details

The YIQ color $134.9540, 5.6410, -8.6230$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $118.0460, -5.6410, 8.6230$, and the grayscale version is $135.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $187.8400, 5.9620, -8.9340$, and $85.1820, 4.9990, -8.0010$ is the 20% darker color. If you saturate the color by 10%, you get $132.7600, 8.9430, -13.4010$, and if you desaturate by 10%, it is $137.1480, 2.3390, -3.8450$.

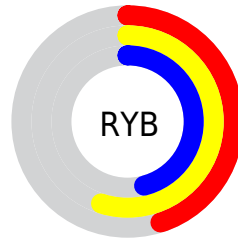
Distribution



Red (53%)

Green (55%)

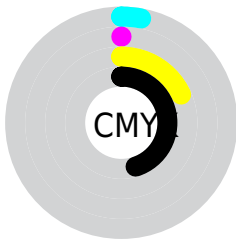
Blue (45%)



Red (45%)

Yellow (55%)

Blue (46%)

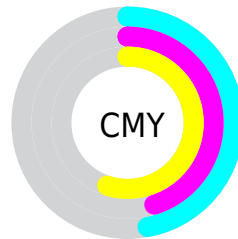


Cyan (3%)

Magenta (0%)

Yellow (18%)

Black (45%)



Cyan (47%)

Magenta (45%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 134.9540, 5.6410, -8.6230 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 134.9540, 5.6410, -8.6230 by changing the saturation by 10% instead.

■ 134.9540, 5.6410,
-8.6230

■ 134.9540, 5.6410,
-8.6230

■ 255.0000, -0.0000,
-0.0000

■ 109.9540, 5.6410,
-8.6230

■ 187.8400, 5.9620,
-8.9340

■ 85.1820, 4.9990,
-8.0010

■ 215.7260, 6.2830,
-9.2450

■ 62.2960, 4.6780,
-7.6900

■ 244.6120, 6.6040,
-9.5560

■ 40.4100, 4.3570,
-7.3790

■ 254.4300, 1.6050,
-1.5550

■ 19.4810, 5.5950,
-7.7890

■ 0.0000, 0.0000,
0.0000

■ 134.9540, 5.6410,
-8.6230

■ 134.9540, 5.6410,
-8.6230

■ 132.7600, 8.9430,
-13.4010

■ 137.1480, 2.3390,
-3.8450

■ 130.5660, 12.2450,
-18.1790

■ 139.3420, -0.9630,
0.9330

■ 128.0730, 14.9510,
-23.1690

■ 141.8350, -3.6690,
5.9230

■ 125.8790, 18.2530,
-27.9470

■ 144.0290, -6.9710,
10.7010

■ 123.7990, 21.2340,
-32.4140

■ 146.2230,
-10.2730, 15.4790

■ 121.6050, 24.5360,
-37.1920

■ 148.3030,
-13.2540, 19.9460

■ 119.1120, 27.2420,
-42.1820

■ 150.7960,
-15.9600, 24.9360

■ 116.9180, 30.5440,

■ 152.9900,

-46.9600

-19.2620, 29.7140

■ 116.5760, 31.5070,
-47.8930

■ 155.1840,
-22.5640, 34.4920

Harmonies

Analogous

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



136.2650, 15.1310, -4.3970



134.9540, 5.6410, -8.6230



133.4410, -6.0960, -10.6720

Triad

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



134.9540, 5.6410, -8.6230



133.4300, -24.7580, -2.8540



138.8220, 15.5410, 10.2050

Complementary

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



134.9540, 5.6410, -8.6230



118.0460, -5.6410, 8.6230

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.



138.6730, 5.7750, 10.9830



134.9540, 5.6410, -8.6230



135.2400, -18.1110, 3.3370

Square

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



134.9540, 5.6410, -8.6230



132.3820, -24.8030, -7.5470



137.4480, -6.8330, 8.1990



138.3510, 21.1810, 7.1090

Rectangle

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



134.9540, 5.6410, -8.6230



132.2490, -14.3030, -10.6150



137.4480, -6.8330, 8.1990



139.2670, 12.7900, 10.5020

Sweetspot

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



134.9540, 5.6410, -8.6230



179.6750, 2.2930, -3.0110



123.8230, 13.8000, 3.2080



91.0170, 1.3300, -2.0780



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

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



134.9540, 5.6410, -8.6230



174.6460, 9.2640, -13.7120



131.3660, -1.5110, -11.1670



67.9030, 1.6510, -2.3890



111.2600, 29.5810, -46.0270



4.1310, 1.0090, -1.7670

Inverse Universe

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



118.0460, -5.6410, 8.6230



147.6530, -8.6680, 13.9240



121.6340, 1.5110, 11.1670



63.0970, -1.6510, 2.3890



21.4410, -30.1770, 45.8150



0.8690, -1.0090, 1.7670

Previews

White Background



This preview shows how the YIQ color 134.9540, 5.6410, -8.6230 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 134.9540, 5.6410, -8.6230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

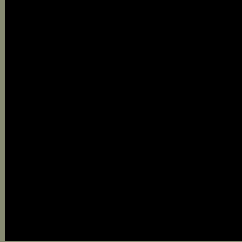
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

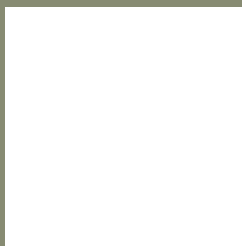
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 134.9540, 5.6410, -8.6230

Background



This preview shows how black text looks on a background with the YIQ color 134.9540, 5.6410, -8.6230.



This preview shows how white text looks on a background with the YIQ color 134.9540, 5.6410,

-8.6230.

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

134.9540, 5.6410, -8.6230

Protanopia

135.7700, 12.1510, -5.4570

Deuteranopia

137.0640, 20.3110, 0.8470



Tritanopia

137.3360, -0.8260, 3.9580

Trichromacy



Original Color

134.9540, 5.6410, -8.6230

Protanomaly

135.4600, 10.0880, -6.6160

Deuteranomaly

136.3190, 15.0390, -2.7290

Tritanomaly

136.3700, 1.8340, -0.1980

Monochromacy



Original Color

134.9540, 5.6410, -8.6230

Achromatopsia

135.0000, -0.0000, -0.0000

Achromatomaly

134.6750, 2.2930, -3.0110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 134.9540, 5.6410, -8.6230 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(135, 139, 114)` looks like.

```
.text, #text, p{  
    color:rgb(135, 139, 114)  
}
```

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(135, 139, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 139, 114) }
```

Border

The CSS property to change the border of an element to YIQ 134.9540, 5.6410, -8.6230 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(135, 139, 114) }
```


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

```
.border{ border-color:rgb(135, 139, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 139, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 139, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 139, 114);  
box-shadow:4px 4px 4px 4px rgb(135, 139,  
114) }
```

Background

The CSS property to change the background color of an element to YIQ 134.9540, 5.6410, -8.6230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 139, 114) }
```

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

```
.background{ background-color: rgb(135,  
139, 114) }
```

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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