

Converting Colors

YIQ(135.3530, 0.5040, 1.8800)

Have a look what the booklet for
YIQ(135.3530, 0.5040, 1.8800)
contains.

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Color

**YIQ(135.3530, 0.5040,
1.8800)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 89868A |
| RGB | 137, 134, 138 |
| RGB Percent | 54%, 53%, 54% |
| CMY | 0.4627, 0.4745, 0.4588 |
| CMYK | 0.01, 0.03, 0.00, 0.46 |
| HSL | 285°, 2%, 53% |
| HSV | 285°, 3%, 54% |
| XYZ | 23.4293, 24.2034, 27.4815 |
| YIQ | 135.3530, 0.5040, 1.8800 |

Conversions

Conversions Part 2

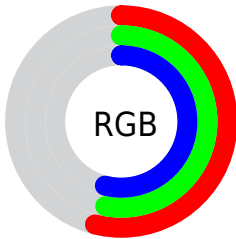
| Format | Color |
|-------------------------------------|-----------------------------|
| R_{YB} | 137, 134, 138 |
| Decimal | 9012874 |
| CIE Lab | 56.29, 1.91, -1.75 |
| CIE LCh | 56, 2.590, 317.379 |
| Yxy | 24.2034, 0.3119, 0.3222 |
| Android (android.graphics.Color) | 4287202954 (0xFF89868A) |
| YUV | 135.3530, 1.3050, 1.4444 |
| Hunter-Lab | 49.1969, -1.0868, 1.3183 |

Details

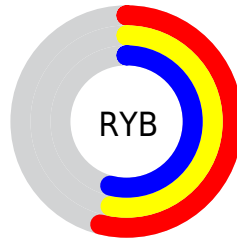
The YIQ color $135.3530, 0.5040, 1.8800$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $136.6470, -0.5040, -1.8800$, and the grayscale version is $135.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $188.3530, 0.5040, 1.8800$, and $85.3530, 0.5040, 1.8800$ is the 20% darker color. If you saturate the color by 10%, you get $126.2380, 2.5660, 8.5660$, and if you desaturate by 10%, it is $144.4680, -1.5580, -4.8060$.

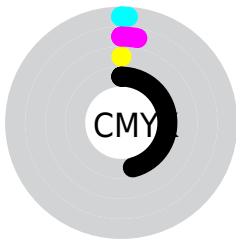
Distribution



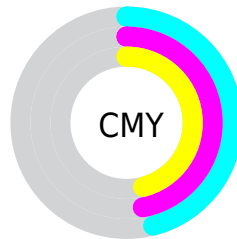
- Red (54%)
- Green (53%)
- Blue (54%)



- Red (54%)
- Yellow (53%)
- Blue (54%)



- Cyan (1%)
- Magenta (3%)
- Yellow (0%)
- Black (46%)





- Cyan (46%)
- Magenta (47%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 135.3530, 0.5040, 1.8800 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 135.3530, 0.5040, 1.8800 by changing the saturation by 10% instead.


 135.3530, 0.5040,
1.8800


 135.3530, 0.5040,
1.8800


255.0000, -0.0000,
-0.0000


 110.3530, 0.5040,
1.8800


 188.3530, 0.5040,
1.8800

 85.3530, 0.5040,
1.8800


 216.3530, 0.5040,
1.8800

 62.3530, 0.5040,
1.8800

 244.7660, 0.7790,
2.4030

 40.9400, 0.2290,
1.3570

 20.2390, 0.8250,
1.5690

 0.0000, 0.0000,
0.0000

■ 135.3530, 0.5040,
1.8800

■ 135.3530, 0.5040,
1.8800

■ 126.2380, 2.5660,
8.5660

■ 144.4680, -1.5580,
-4.8060

■ 116.8240, 4.0320,
15.0400

■ 153.8820, -3.0240,
-11.2800

■ 108.2960, 5.8190,
21.2030

■ 162.4100, -4.8110,
-17.4430

■ 98.8820, 7.2850,
27.6770

■ 171.8240, -6.2770,
-23.9170

■ 89.7670, 9.3470,
34.3630

■ 180.9390, -8.3390,
-30.6030

■ 80.3530, 10.8130,
40.8370

■ 190.3530, -9.8050,
-37.0770

■ 71.2380, 12.8750,
47.5230

■ 199.4680,
-11.8670, -43.7630

■ 62.4110, 14.0660,

■ 208.2950,

53.4740

-13.0580, -49.7140

■ 53.2960, 16.1280,
60.1600

■ 215.6490,
-14.2950, -54.8310

Harmonies

Analogous

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



135.1570, -1.8800, 1.0320



135.3530, 0.5040, 1.8800



135.7230, 2.3380, 1.6820

Triad

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



135.3530, 0.5040, 1.8800



134.8540, 3.3470, -0.0850



134.2060, -3.5760, -1.2720

Complementary

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



135.3530, 0.5040, 1.8800



136.6470, -0.5040, -1.8800

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.



134.2770, -2.3380, -1.6820



135.3530, 0.5040, 1.8800



134.5440, 1.2840, -1.2440

Square

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



135.3530, 0.5040, 1.8800



135.5660, 4.2180, 0.6500



134.6470, -0.5040, -1.8800



134.4340, -4.2180, -0.6500

Rectangle

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



135.3530, 0.5040, 1.8800



135.2070, 3.8510, 1.7950



134.6470, -0.5040, -1.8800



134.0920, -3.2550, -1.5830

Sweetspot

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



135.3530, 0.5040, 1.8800



177.5270, -0.0460, 0.8340



135.0430, -1.5590, 0.7210



88.4130, 0.2750, 0.5230



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

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



135.3530, 0.5040, 1.8800



174.8800, 0.4580, 2.7140



135.5380, 1.4210, 1.7810



66.9400, 0.2290, 1.3570



45.0620, 16.9070, 62.5630



1.7660, 0.7790, 2.4030

Inverse Universe

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



135.3100, 2.0630, 1.1590



174.9080, 3.2550, 1.5830



136.4620, -1.4210, -1.7810



67.0110, 1.4670, 0.9470



43.5290, 68.6750, 38.4590



1.6090, 2.6590, 1.3710

Previews

White Background



This preview shows how the YIQ color 135.3530, 0.5040, 1.8800 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 135.3530, 0.5040, 1.8800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

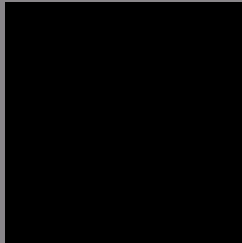
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

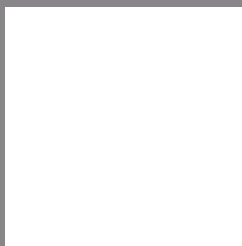
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 135.3530, 0.5040, 1.8800

Background



This preview shows how black text looks on a background with the YIQ color 135.3530, 0.5040, 1.8800.



This preview shows how white text looks on a background with the YIQ color 135.3530, 0.5040,

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

135.3530, 0.5040, 1.8800

Protanopia

135.0540, -0.0920, 1.6680

Deuteranopia

136.3970, 6.3720, 5.6680



Tritanopia

135.7490, -0.5510, 4.4810

Trichromacy



Original Color

135.3530, 0.5040, 1.8800

Protanomaly

135.0540, -0.0920, 1.6680

Deuteranomaly

136.0870, 4.3090, 4.5090

Tritanomaly

135.5210, 0.0910, 3.8590

Monochromacy



Original Color

135.3530, 0.5040, 1.8800

Achromatopsia

135.0000, -0.0000, -0.0000

Achromatomaly

135.4130, 0.2750, 0.5230

CSS Examples

Text

The CSS property to change the color of the text to YIQ 135.3530, 0.5040, 1.8800 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(137, 134, 138)` looks like.

```
.text, #text, p{  
    color:rgb(137, 134, 138)  
}
```

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(137, 134, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 134, 138) }
```

Border

The CSS property to change the border of an element to YIQ 135.3530, 0.5040, 1.8800 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(137, 134, 138) }
```


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

```
.border{ border-color:rgb(137, 134, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 134, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 134, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 134, 138);  
box-shadow:4px 4px 4px 4px rgb(137, 134,  
138) }
```

Background

The CSS property to change the background color of an element to YIQ 135.3530, 0.5040, 1.8800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 134, 138) }
```

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

```
.background{ background-color: rgb(137,  
134, 138) }
```

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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