

Converting Colors

YIQ(145.8540, -13.8480, 8.6800)

Have a look what the booklet for
YIQ(145.8540, -13.8480, 8.6800)
contains.

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Color

**YIQ(145.8540, -13.8480,
8.6800)**

Conversions

Conversions Part 1

Format	Color
Hex	8A90B0
RGB	138, 144, 176
RGB Percent	54%, 56%, 69%
CMY	0.4588, 0.4353, 0.3099
CMYK	0.22, 0.18, 0.00, 0.31
HSL	231°, 19%, 62%
HSV	231°, 22%, 69%
XYZ	28.2896, 28.4845, 45.0708
YIQ	145.8540, -13.8480, 8.6800

Conversions

Conversions Part 2

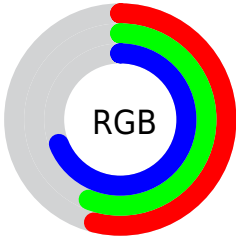
Format	Color
RYB	138, 143, 176
Decimal	9081008
CIELab	60.32, 4.85, -17.46
CIELCh	60, 18.122, 285.533
Yxy	28.4845, 0.2778, 0.2797
Android (android.graphics.Color)	4287271088 (0xFF8A90B0)
YUV	145.8540, 14.8620, -6.8880
Hunter-Lab	53.3709, 1.2161, -12.7098

Details

The YIQ color $145.8540, -13.8480, 8.6800$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $168.1460, 13.8480, -8.6800$, and the grayscale version is $146.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $200.0820, -14.4900, 9.3020$, and $95.2130, -13.4810, 7.5350$ is the 20% darker color. If you saturate the color by 10%, you get $131.6670, -20.4510, 12.7090$, and if you desaturate by 10%, it is $160.0410, -7.2450, 4.6510$.

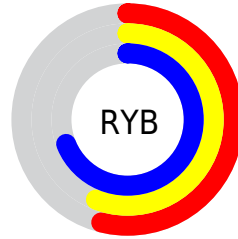
Distribution



Red (54%)

Green (56%)

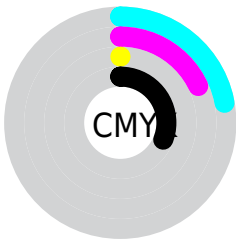
Blue (69%)



Red (54%)

Yellow (56%)

Blue (69%)

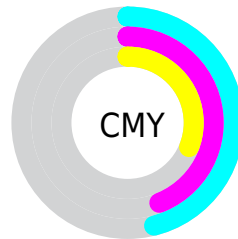


Cyan (22%)

Magenta (18%)

Yellow (0%)

Black (31%)



Cyan (46%)

Magenta (44%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 145.8540, -13.8480, 8.6800 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 145.8540, -13.8480, 8.6800 by changing the saturation by 10% instead.

■ 145.8540,
-13.8480, 8.6800

■ 145.8540,
-13.8480, 8.6800

■ 255.0000, -0.0000,
-0.0000

■ 119.7400,
-13.5270, 8.3690

■ 200.0820,
-14.4900, 9.3020

■ 95.2130, -13.4810,
7.5350

■ 227.5120,
-12.8850, 7.7470

■ 71.0990, -13.1600,
7.2240

■ 252.6190, -3.3010,
-0.7490

■ 48.6860, -13.4350,
6.7010

■ 27.1590, -13.3890,
5.8670

■ 3.5340, -9.9510,
9.6410

■ 0.2280, -0.6420,

0.6220

0.0000, 0.0000,
0.0000

145.8540,
-13.8480, 8.6800

145.8540,
-13.8480, 8.6800

131.6670,
-20.4510, 12.7090

160.0410, -7.2450,
4.6510

117.7790,
-26.4580, 16.9500

173.9290, -1.2380,
0.4100

104.1790,
-33.3360, 20.4560

187.5290, 5.6400,
-3.0960

90.2910, -39.3430,
24.6970

201.4170, 11.6470,
-7.3370

76.1040, -45.9460,
28.7260

215.6040, 18.2500,
-11.3660

■ 61.9170, -52.5490,
32.7550

■ 229.7910, 24.8530,
-15.3950

■ 48.0290, -58.5560,
36.9960

■ 241.8850, 27.2840,
-20.9080

■ 36.5000, -64.1960,
40.0920

■ 245.9940, 25.3590,
-24.5690

Harmonies

Analogous

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



142.5100, -27.7390, 1.6130



145.8540, -13.8480, 8.6800



147.9870, 2.0150, 13.0470

Triad

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



145.8540, -13.8480, 8.6800



147.0650, 27.7380, 3.9140



140.1020, -18.3830, -13.7670

Complementary

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



145.8540, -13.8480, 8.6800



168.1460, 13.8480, -8.6800

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.



141.8280, -2.9320, -12.9480



145.8540, -13.8480, 8.6800



145.7990, 22.3750, -3.5210

Square

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



145.8540, -13.8480, 8.6800



147.9110, 25.5360, 10.7840



143.9500, 11.4640, -9.5280



139.2240, -30.3500, -11.6460

Rectangle

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



145.8540, -13.8480, 8.6800



148.4890, 12.2850, 14.1490



143.9500, 11.4640, -9.5280



140.4400, -13.5230, -13.7390

Sweetspot

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



145.8540, -13.8480, 8.6800



218.7700, -5.0440, 3.3080



163.9540, -20.7220, -9.9220



108.4990, -2.8430, 1.9650



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.



145.8540, -13.8480, 8.6800



182.1230, -21.7350, 13.9530



146.2190, -4.4500, 14.5740



82.2000, -3.4390, 1.7530



31.5300, -55.7130, 35.0310



5.3120, -9.4460, 5.9940

Inverse Universe

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



150.0460, 20.7220, 9.9220



188.9660, 32.8710, 15.5190



167.7810, 4.4500, -14.5740



82.9190, 4.7220, 2.5300



48.4830, 83.4840, 39.9000



8.2300, 14.2120, 6.7560

Previews

White Background



This preview shows how the YIQ color 145.8540, -13.8480, 8.6800 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 145.8540, -13.8480, 8.6800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

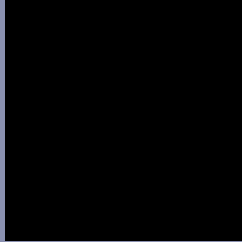
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 145.8540, -13.8480, 8.6800

Background



This preview shows how black text looks on a background with the YIQ color 145.8540, -13.8480, 8.6800.



This preview shows how white text looks on a background with the YIQ color 145.8540, -13.8480, 8.6800.

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

145.8540, -13.8480, 8.6800

Protanopia

145.8540, -13.8480, 8.6800

Deuteranopia

146.4740, -9.7220, 10.9980



Tritanopia

144.7800, -11.0040, 1.1880

Trichromacy



Original Color

145.8540, -13.8480, 8.6800

Protanomaly

145.8540, -13.8480, 8.6800

Deuteranomaly

146.4630, -11.1890, 10.0510

Tritanomaly

145.1760, -12.0590, 3.7890

Monochromacy



Original Color

145.8540, -13.8480, 8.6800

Achromatopsia

146.0000, -0.0000, -0.0000

Achromatomaly

145.7700, -5.0440, 3.3080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 145.8540, -13.8480, 8.6800 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(138, 144, 176)` looks like.

```
.text, #text, p{  
    color:rgb(138, 144, 176)  
}
```

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(138, 144, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 144, 176) }
```

Border

The CSS property to change the border of an element to YIQ 145.8540, -13.8480, 8.6800 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(138, 144, 176) }
```


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

```
.border{ border-color:rgb(138, 144, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 144, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 144, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 144, 176);  
box-shadow:4px 4px 4px 4px rgb(138, 144,  
176) }
```

Background

The CSS property to change the background color of an element to YIQ 145.8540, -13.8480, 8.6800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 144, 176) }
```

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

```
.background{ background-color: rgb(138,  
144, 176) }
```

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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