

Converting Colors

YIQ(145.3580, -13.9460,
43.5100)

Have a look what the booklet for
YIQ(145.3580, -13.9460, 43.5100)
contains.

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Color

**YIQ(145.3580, -13.9460,
43.5100)**

Conversions

Conversions Part 1

Format	Color
Hex	9F79EB
RGB	159, 121, 235
RGB Percent	62%, 47%, 92%
CMY	0.3763, 0.5255, 0.0786
CMYK	0.32, 0.49, 0.00, 0.08
HSL	260°, 74%, 70%
HSV	260°, 49%, 92%
XYZ	36.1318, 27.0421, 81.8848
YIQ	145.3580, -13.9460, 43.5100

Conversions

Conversions Part 2

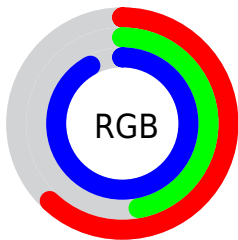
Format	Color
RYB	159, 121, 235
Decimal	10451435
CIELab	59.01, 38.87, -52.54
CIELCh	59, 65.359, 306.494
Yxy	27.0421, 0.2491, 0.1864
Android (android.graphics.Color)	4288641515 (0xFF9F79EB)
YUV	145.3580, 44.1935, 11.9640
Hunter-Lab	52.0020, 33.0210, -56.9594

Details

The YIQ color $145.3580, -13.9460, 43.5100$ is a light color, and the websafe version is hex $9966CC$. A complement of this color would be $210.6420, 13.9460, -43.5100$, and the grayscale version is $145.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $195.7920, -0.9690, 34.0950$, and $92.8800, -15.5960, 40.3720$ is the 20% darker color. If you saturate the color by 10%, you get $126.4860, -16.8820, 52.6700$, and if you desaturate by 10%, it is $163.6430, -10.7350, 34.8730$.

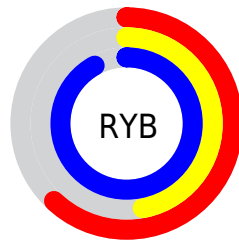
Distribution



Red (62%)

Green (47%)

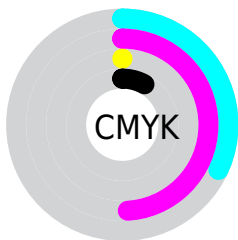
Blue (92%)



Red (62%)

Yellow (47%)

Blue (92%)

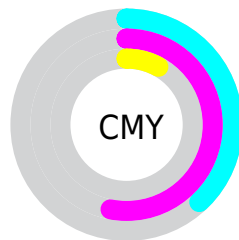


Cyan (32%)

Magenta (49%)

Yellow (0%)

Black (8%)



Cyan (38%)

Magenta (53%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 145.3580, -13.9460, 43.5100 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 145.3580, -13.9460, 43.5100 by changing the saturation by 10% instead.

■ 145.3580,
-13.9460, 43.5100

■ 145.3580,
-13.9460, 43.5100

■ 255.0000, -0.0000,
-0.0000

■ 119.0050,
-14.4500, 41.6300

■ 195.7920, -0.9690,
34.0950

■ 92.7660, -15.2750,
40.0610

■ 221.1980, 9.2110,
25.8110

■ 68.1140, -16.3750,
37.9690

■ 240.3250, 6.8750,
13.0750

■ 42.3910, -18.7130,
36.2870

■ 15.4500, -26.3690,
31.8630

■ 8.5500, -24.0750,
23.3250

■ 8.1620, -17.4710,

13.7690

■ 4.4800, -9.8590,
7.9730

■ 0.0000, 0.0000,
0.0000

■ 145.3580,
-13.9460, 43.5100

■ 145.3580,
-13.9460, 43.5100

■ 126.4860,
-16.8820, 52.6700

■ 163.6430,
-10.7350, 34.8730

■ 108.5000,
-19.4970, 61.5190

■ 182.2160, -8.3950,
25.5010

■ 89.6280, -22.4330,
70.6790

■ 200.5010, -5.1840,
16.8640

■ 71.3430, -25.6440,
79.3160

■ 219.3730, -2.2480,
7.7040

■ 53.3570, -28.2590,
88.1650

■ 237.3590, 0.3670,
-1.1450

■ 50.1120, -28.9470,
89.6210

■ 252.1220, 5.2280,
-6.6440

■ 252.7200, 6.4200,
-6.2200

Harmonies

Analogous

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



114.1850, -121.7300, 3.4700



145.3580, -13.9460, 43.5100



143.0910, 44.3260, 55.7340

Triad

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



145.3580, -13.9460, 43.5100



135.9870, 79.9630, -11.9490



116.6450, -95.5880, -40.8040

Complementary

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



145.3580, -13.9460, 43.5100



210.6420, 13.9460, -43.5100

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.



108.1580, -75.8240, -57.5840



145.3580, -13.9460, 43.5100



131.1830, 54.8430, -41.2930

Square

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



145.3580, -13.9460, 43.5100



136.2810, 89.2640, 23.2480



126.0810, 2.1640, -50.2520



121.8550, -113.0140, -22.3420

Rectangle

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



145.3580, -13.9460, 43.5100



138.2820, 71.4690, 53.9090



126.0810, 2.1640, -50.2520



113.7780, -88.8930, -46.5010

Sweetspot

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



145.3580, -13.9460, 43.5100



225.2190, -4.4500, 14.5740



178.6080, -57.4940, -4.2940



109.7150, -3.2110, 8.6370



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



145.3580, -13.9460, 43.5100



138.5230, -18.3040, 56.4160



162.4010, 20.0260, 55.5940



108.1510, -1.7430, 4.0570



38.5740, -22.3410, 69.0110



11.5380, -6.6060, 20.6100

Inverse Universe

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



163.7500, 43.5480, 47.8040



162.5380, 56.4290, 62.1650



193.5990, -20.0260, -55.5940



110.0870, 4.3090, 4.5090



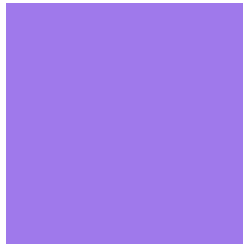
67.9130, 69.0350, 76.0030



20.2500, 20.6280, 22.6440

Previews

White Background



This preview shows how the YIQ color 145.3580, -13.9460, 43.5100 looks on a white background.

Color Contrast Check

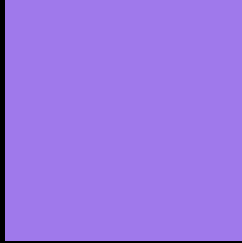
Large Text (above 18pt) WCAG AA ✓ Pass

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 145.3580, -13.9460, 43.5100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

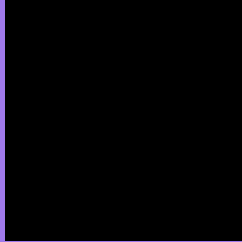
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 145.3580, -13.9460, 43.5100

Background



This preview shows how black text looks on a background with the YIQ color 145.3580, -13.9460, 43.5100.



This preview shows how white text looks on a background with the YIQ color 145.3580, -13.9460,

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

145.3580, -13.9460, 43.5100

Protanopia

136.2310, -65.4770, 24.7550

Deuteranopia

136.4730, -60.7070, 15.3970



Tritanopia

142.5530, -2.9350, 3.6330

Trichromacy



Original Color

145.3580, -13.9460, 43.5100

Protanomaly

139.5000, -47.0010, 31.3270

Deuteranomaly

139.7790, -43.6530, 25.7150

Tritanomaly

143.6580, -7.0640, 17.8960

Monochromacy



Original Color

145.3580, -13.9460, 43.5100

Achromatopsia

145.0000, 0.0000, -0.0000

Achromatomaly

144.9740, -5.1380, 16.0300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 145.3580, -13.9460, 43.5100 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(159, 121, 235)` looks like.

```
.text, #text, p{  
    color:rgb(159, 121, 235)  
}
```

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(159, 121, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 121, 235) }
```

Border

The CSS property to change the border of an element to YIQ 145.3580, -13.9460, 43.5100 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(159, 121, 235) }
```


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

```
.border{ border-color:rgb(159, 121, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 121, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 121, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 121, 235);  
box-shadow:4px 4px 4px 4px rgb(159, 121,  
235) }
```

Background

The CSS property to change the background color of an element to YIQ 145.3580, -13.9460, 43.5100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 121, 235) }
```

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

```
.background{ background-color: rgb(159,  
121, 235) }
```

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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