

Converting Colors

YIQ(145.8970, 1.7880, 0.6360)

Have a look what the booklet for
YIQ(145.8970, 1.7880, 0.6360)
contains.

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Color

**YIQ(145.8970, 1.7880,
0.6360)**

Conversions

Conversions Part 1

Format	Color
Hex	949191
RGB	148, 145, 145
RGB Percent	58%, 57%, 57%
CMY	0.4196, 0.4314, 0.4314
CMYK	0.00, 0.02, 0.02, 0.42
HSL	360°, 1%, 57%
HSV	360°, 2%, 58%
XYZ	27.4493, 28.5909, 30.8607
YIQ	145.8970, 1.7880, 0.6360

Conversions

Conversions Part 2

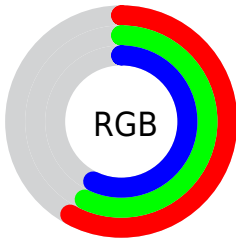
Format	Color
RYB	148, 145, 145
Decimal	9736593
CIELab	60.42, 1.11, 0.38
CIELCh	60, 1.169, 19.062
Yxy	28.5909, 0.3159, 0.3290
Android (android.graphics.Color)	4287926673 (0xFF949191)
YUV	145.8970, -0.4422, 1.8443
Hunter-Lab	53.4704, -1.9396, 3.2099

Details

The YIQ color $145.8970, 1.7880, 0.6360$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $147.1030, -1.7880, -0.6360$, and the grayscale version is $146.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $199.8970, 1.7880, 0.6360$, and $95.5980, 1.1920, 0.4240$ is the 20% darker color. If you saturate the color by 10%, you get $135.3820, 10.7280, 3.8160$, and if you desaturate by 10%, it is $156.4120, -7.1520, -2.5440$.

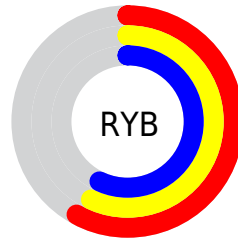
Distribution



Red (58%)

Green (57%)

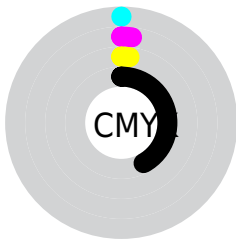
Blue (57%)



Red (58%)

Yellow (57%)

Blue (57%)

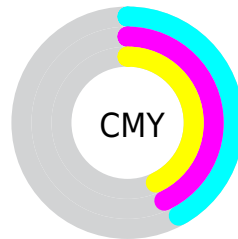


Cyan (0%)

Magenta (2%)

Yellow (2%)

Black (42%)



Cyan (42%)

Magenta (43%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 145.8970, 1.7880, 0.6360 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 145.8970, 1.7880, 0.6360 by changing the saturation by 10% instead.

■ 145.8970, 1.7880,
0.6360

■ 145.8970, 1.7880,
0.6360

255.0000, -0.0000,
-0.0000

■ 119.8970, 1.7880,
0.6360

■ 199.8970, 1.7880,
0.6360

■ 95.5980, 1.1920,
0.4240

■ 227.8970, 1.7880,
0.6360

■ 71.8970, 1.7880,
0.6360

■ 49.5980, 1.1920,
0.4240

■ 28.5980, 1.1920,
0.4240

■ 2.1960, 2.3840,
0.8480

■ 0.0000, 0.0000,

0.0000

■ 145.8970, 1.7880,
0.6360

■ 145.8970, 1.7880,
0.6360

■ 135.3820, 10.7280,
3.8160

■ 156.4120, -7.1520,
-2.5440

■ 124.8670, 19.6680,
6.9960

■ 166.9270,
-16.0920, -5.7240

■ 115.0530, 28.0120,
9.9640

■ 176.7410,
-24.4360, -8.6920

■ 104.5380, 36.9520,
13.1440

■ 187.2560,
-33.3760, -11.8720

■ 94.0230, 45.8920,
16.3240

■ 197.7710,
-42.3160, -15.0520

■ 83.5080, 54.8320,
19.5040

■ 208.2860,
-51.2560, -18.2320

■ 72.9930, 63.7720,
22.6840

■ 218.8010,
-60.1960, -21.4120

■ 63.1790, 72.1160,
25.6520

■ 223.0070,
-63.7720, -22.6840

■ 52.6640, 81.0560,
28.8320

Harmonies

Analogous

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



146.0110, 1.4670, 0.9470



145.8970, 1.7880, 0.6360



145.7830, 2.1090, 0.3250

Triad

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



145.8970, 1.7880, 0.6360



145.4730, 0.0460, -0.8340



145.6300, -1.8340, 0.1980

Complementary

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



145.8970, 1.7880, 0.6360



147.1030, -1.7880, -0.6360

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.



145.2170, -2.1090, -0.3250



145.8970, 1.7880, 0.6360



145.2880, -0.8710, -0.7350

Square

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



145.8970, 1.7880, 0.6360



145.7720, 0.6420, -0.6220



145.1030, -1.7880, -0.6360



145.9290, -1.2380, 0.4100

Rectangle

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



145.8970, 1.7880, 0.6360



145.4840, 1.5130, 0.1130



145.1030, -1.7880, -0.6360



145.6300, -1.8340, 0.1980

Sweetspot

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



145.8970, 1.7880, 0.6360



189.5980, 1.1920, 0.4240



146.2390, 0.8250, 1.5690



96.2990, 0.5960, 0.2120



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

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



145.8970, 1.7880, 0.6360



188.1960, 2.3840, 0.8480



146.4840, 1.5130, 0.1130



72.5980, 1.1920, 0.4240



41.2620, 82.2480, 29.2560



2.9900, 5.9600, 2.1200

Inverse Universe

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



145.8970, 1.7880, 0.6360



188.1960, 2.3840, 0.8480



146.5160, -1.5130, -0.1130



72.5980, 1.1920, 0.4240



41.2620, 82.2480, 29.2560



2.9900, 5.9600, 2.1200

Previews

White Background



This preview shows how the YIQ color 145.8970, 1.7880, 0.6360 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 145.8970, 1.7880, 0.6360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

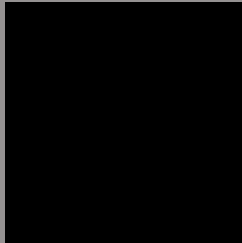
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 145.8970, 1.7880, 0.6360

Background



This preview shows how black text looks on a background with the YIQ color 145.8970, 1.7880, 0.6360.



This preview shows how white text looks on a background with the YIQ color 145.8970, 1.7880,

0.6360.

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

145.8970, 1.7880, 0.6360

Protanopia

145.8970, 1.7880, 0.6360

Deuteranopia

146.9520, 9.1230, 5.3710



Tritanopia

146.1620, -0.2760, 5.0040

Trichromacy



Original Color

145.8970, 1.7880, 0.6360

Protanomaly

145.8970, 1.7880, 0.6360

Deuteranomaly

146.3430, 6.4640, 4.0000

Tritanomaly

146.2930, 0.7330, 3.2370

Monochromacy



Original Color

145.8970, 1.7880, 0.6360

Achromatopsia

146.0000, -0.0000, -0.0000

Achromatomaly

146.2990, 0.5960, 0.2120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 145.8970, 1.7880, 0.6360 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(148, 145, 145)` looks like.

```
.text, #text, p{  
    color:rgb(148, 145, 145)  
}
```

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(148, 145, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 145, 145) }
```

Border

The CSS property to change the border of an element to YIQ 145.8970, 1.7880, 0.6360 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(148, 145, 145) }
```


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

```
.border{ border-color:rgb(148, 145, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 145, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 145, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 145, 145);  
box-shadow:4px 4px 4px 4px rgb(148, 145,  
145) }
```

Background

The CSS property to change the background color of an element to YIQ 145.8970, 1.7880, 0.6360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 145, 145) }
```

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

```
.background{ background-color: rgb(148,  
145, 145) }
```

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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