

Converting Colors

YIQ(145.3470, 0.6410, 4.9050)

Have a look what the booklet for
YIQ(145.3470, 0.6410, 4.9050)
contains.

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Color

**YIQ(145.3470, 0.6410,
4.9050)**

Conversions

Conversions Part 1

Format	Color
Hex	958E99
RGB	149, 142, 153
RGB Percent	58%, 56%, 60%
CMY	0.4157, 0.4431, 0.4000
CMYK	0.03, 0.07, 0.00, 0.40
HSL	278°, 5%, 58%
HSV	278°, 7%, 60%
XYZ	27.8177, 28.0351, 34.0815
YIQ	145.3470, 0.6410, 4.9050

Conversions

Conversions Part 2

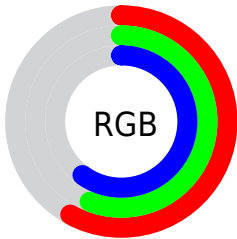
Format	Color
R_{YB}	149, 142, 153
Decimal	9801369
CIE _{Lab}	59.92, 4.73, -4.90
CIE _{LCh}	60, 6.806, 313.979
Yxy	28.0351, 0.3093, 0.3117
Android (android.graphics.Color)	4287991449 (0xFF958E99)
YUV	145.3470, 3.7729, 3.2037
Hunter-Lab	52.9482, 1.1203, -1.0998

Details

The YIQ color $145.3470, 0.6410, 4.9050$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $149.6530, -0.6410, -4.9050$, and the grayscale version is $145.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $199.3470, 0.6410, 4.9050$, and $94.9340, 0.3660, 4.3820$ is the 20% darker color. If you saturate the color by 10%, you get $134.7480, 1.1900, 11.4780$, and if you desaturate by 10%, it is $155.9460, 0.0920, -1.6680$.

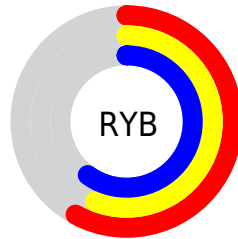
Distribution



Red (58%)

Green (56%)

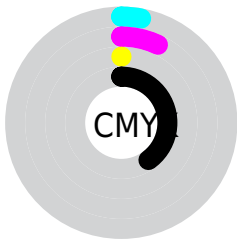
Blue (60%)



Red (58%)

Yellow (56%)

Blue (60%)

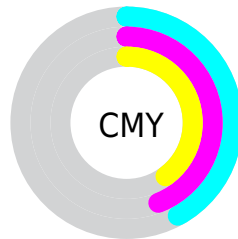


Cyan (3%)

Magenta (7%)

Yellow (0%)

Black (40%)



Cyan (42%)

Magenta (44%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 145.3470, 0.6410, 4.9050 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 145.3470, 0.6410, 4.9050 by changing the saturation by 10% instead.

■ 145.3470, 0.6410,
4.9050

■ 145.3470, 0.6410,
4.9050

255.0000, -0.0000,
-0.0000

■ 119.3470, 0.6410,
4.9050

■ 199.3470, 0.6410,
4.9050

■ 94.9340, 0.3660,
4.3820

■ 227.4610, 0.3200,
5.2160

■ 70.9340, 0.3660,
4.3820

■ 253.2390, 0.8250,
1.5690

■ 48.8200, 0.6870,
4.0710

■ 27.8200, 0.6870,
4.0710

■ 3.1620, -0.2760,
5.0040

■ 0.0000, 0.0000,

0.0000

■ 145.3470, 0.6410,
4.9050

■ 145.3470, 0.6410,
4.9050

■ 134.7480, 1.1900,
11.4780

■ 155.9460, 0.0920,
-1.6680

■ 123.8610, 2.6100,
18.7860

■ 166.8330, -1.3280,
-8.9760

■ 113.2620, 3.1590,
25.3590

■ 177.4320, -1.8770,
-15.5490

■ 102.9620, 4.3040,
32.1440

■ 187.7320, -3.0220,
-22.3340

■ 92.3630, 4.8530,
38.7170

■ 198.9180, -3.8460,
-29.4300

■ 81.4760, 6.2730,
46.0250

■ 209.2180, -4.9910,
-36.2150

70.8770, 6.8220,
52.5980

219.8170, -5.5400,
-42.7880

60.5770, 7.9670,
59.3830

224.8340, -4.2100,
-44.8660

49.3910, 8.7910,
66.4790

226.6280, -0.6340,
-43.5940

Harmonies

Analogous

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



144.7700, -5.0440, 3.3080



145.3470, 0.6410, 4.9050



145.9840, 6.0970, 5.1450

Triad

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



145.3470, 0.6410, 4.9050



144.8500, 9.1700, -0.9900



142.5040, -10.4070, -4.1270

Complementary

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



145.3470, 0.6410, 4.9050



149.6530, -0.6410, -4.9050

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.



142.7170, -6.6930, -5.3570



145.3470, 0.6410, 4.9050



143.9310, 4.4480, -3.5200

Square

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



145.3470, 0.6410, 4.9050



145.2140, 11.1410, 1.8370



143.3540, -1.2370, -5.1170



142.4870, -11.7370, -2.0490

Rectangle

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



145.3470, 0.6410, 4.9050



145.5390, 8.8480, 4.8480



143.3540, -1.2370, -5.1170



142.5750, -9.1690, -4.5370

Sweetspot

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



145.3470, 0.6410, 4.9050



196.0540, -0.0920, 1.6680



145.6020, -4.6310, 1.3290



97.8260, 0.5500, 1.0460



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000

Same Dimension

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



145.3470, 0.6410, 4.9050



186.3410, 0.7780, 7.9300



146.4290, 3.3460, 5.4420



71.4070, 0.4120, 3.5480



42.5710, 8.1040, 62.4080



3.8740, 0.5950, 5.7390

Inverse Universe

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



145.7450, 5.2720, 3.5760



187.0660, 8.8020, 5.6820



148.5710, -3.3460, -5.4420



71.7340, 3.8050, 2.6290



47.6740, 67.0690, 45.5410



4.4570, 6.1430, 4.3110

Previews

White Background



This preview shows how the YIQ color 145.3470, 0.6410, 4.9050 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 145.3470, 0.6410, 4.9050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

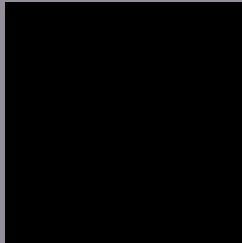
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 145.3470, 0.6410, 4.9050

Background



This preview shows how black text looks on a background with the YIQ color 145.3470, 0.6410, 4.9050.



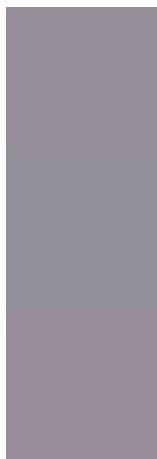
This preview shows how white text looks on a background with the YIQ color 145.3470, 0.6410,

4.9050.

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

145.3470, 0.6410, 4.9050

Protanopia

144.5530, -2.9350, 3.6330

Deuteranopia

145.6680, 4.1710, 7.0110



Tritanopia

145.3470, 0.6410, 4.9050

Trichromacy



Original Color

145.3470, 0.6410, 4.9050

Protanomaly

145.1510, -1.7430, 4.0570

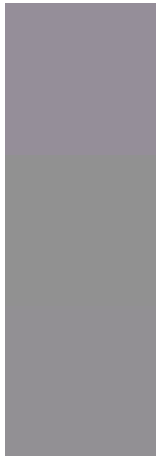
Deuteranomaly

145.6570, 2.7040, 6.0640

Tritanomaly

145.3470, 0.6410, 4.9050

Monochromacy



Original Color

145.3470, 0.6410, 4.9050

Achromatopsia

145.0000, 0.0000, -0.0000

Achromatomaly

145.0540, -0.0920, 1.6680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 145.3470, 0.6410, 4.9050 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(149, 142, 153)` looks like.

```
.text, #text, p{  
    color:rgb(149, 142, 153)  
}
```

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(149, 142, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 142, 153) }
```

Border

The CSS property to change the border of an element to YIQ 145.3470, 0.6410, 4.9050 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(149, 142, 153) }
```


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

```
.border{ border-color:rgb(149, 142, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 142, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 142, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 142, 153);  
box-shadow:4px 4px 4px 4px rgb(149, 142,  
153) }
```

Background

The CSS property to change the background color of an element to YIQ 145.3470, 0.6410, 4.9050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 142, 153) }
```

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

```
.background{ background-color: rgb(149,  
142, 153) }
```

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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