

Converting Colors

YIQ(157.3640, 11.1390, 12.8910)

Have a look what the booklet for
YIQ(157.3640, 11.1390, 12.8910)
contains.

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Color

**YIQ(157.3640, 11.1390,
12.8910)**

Conversions

Conversions Part 1

Format	Color
Hex	B092A7
RGB	176, 146, 167
RGB Percent	69%, 57%, 65%
CMY	0.3097, 0.4275, 0.3451
CMYK	0.00, 0.17, 0.05, 0.31
HSL	318°, 16%, 63%
HSV	318°, 17%, 69%
XYZ	35.1620, 32.5768, 40.9974
YIQ	157.3640, 11.1390, 12.8910

Conversions

Conversions Part 2

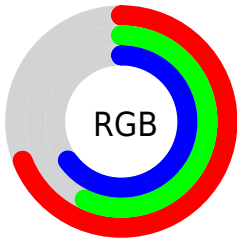
Format	Color
R_{YB}	176, 146, 167
Decimal	11571879
CIE _{Lab}	63.82, 14.90, -6.81
CIE _{LCh}	64, 16.378, 335.447
Yxy	32.5768, 0.3234, 0.2996
Android (android.graphics.Color)	4289761959 (0xFFB092A7)
YUV	157.3640, 4.7505, 16.3438
Hunter-Lab	57.0761, 10.0827, -2.6344

Details

The YIQ color $157.3640, 11.1390, 12.8910$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $164.6360, -11.1390, -12.8910$, and the grayscale version is $157.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $212.0760, 12.0100, 13.6260$, and $105.6520, 10.2680, 12.1560$ is the 20% darker color. If you saturate the color by 10%, you get $146.2280, 17.6940, 20.7500$, and if you desaturate by 10%, it is $168.5000, 4.5840, 5.0320$.

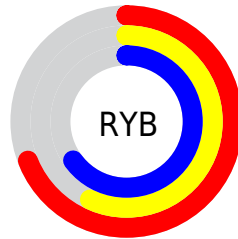
Distribution



Red (69%)

Green (57%)

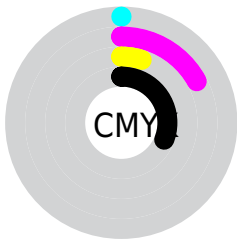
Blue (65%)



Red (69%)

Yellow (57%)

Blue (65%)

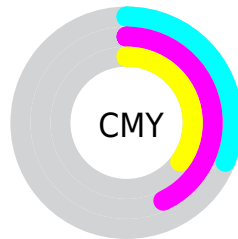


Cyan (0%)

Magenta (17%)

Yellow (5%)

Black (31%)



Cyan (31%)

Magenta (43%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 157.3640, 11.1390, 12.8910 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 157.3640, 11.1390, 12.8910 by changing the saturation by 10% instead.

■ 157.3640, 11.1390,
12.8910

■ 157.3640, 11.1390,
12.8910

255.0000, -0.0000,
-0.0000

■ 131.0650, 10.5430,
12.6790

■ 212.0760, 12.0100,
13.6260

■ 105.6520, 10.2680,
12.1560

■ 238.6950, 8.7090,
12.8770

■ 81.3530, 9.6720,
11.9440

■ 58.5270, 9.1220,
10.8980

■ 36.2280, 8.5260,
10.6860

■ 13.8800, 9.6260,
12.7780

■ 0.0000, 0.0000,

0.0000

157.3640, 11.1390,
12.8910

157.3640, 11.1390,
12.8910

146.2280, 17.6940,
20.7500

168.5000, 4.5840,
5.0320

135.5650, 24.2950,
27.7750

179.1630, -2.0170,
-1.9930

124.4290, 30.8500,
35.6340

190.2990, -8.5720,
-9.8520

113.8800, 37.1300,
42.9700

200.8480,
-14.8520, -17.1880

102.7440, 43.6850,
50.8290

211.9840,
-21.4070, -25.0470

91.4940, 50.5610,
58.3770

223.2340,
-28.2830, -32.5950

■ 80.9450, 56.8410,
65.7130

■ 225.5650,
-30.7130, -32.6090

■ 69.8090, 63.3960,
73.5720

■ 226.1350,
-32.3180, -31.0540

■ 66.6460, 65.4130,
75.5650

■ 226.8190,
-34.2440, -29.1880

Harmonies

Analogous

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



156.4810, -2.4320, 11.0400



157.3640, 11.1390, 12.8910



156.8720, 21.2720, 10.9680

Triad

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



157.3640, 11.1390, 12.8910



153.4990, 14.3520, -6.8000



149.2720, -30.3050, -6.9530

Complementary

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



157.3640, 11.1390, 12.8910



164.6360, -11.1390, -12.8910

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.



149.1600, -24.2980, -11.1940



157.3640, 11.1390, 12.8910



152.2200, 1.8360, -11.2520

Square

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



157.3640, 11.1390, 12.8910



155.6790, 22.8330, -0.8070



150.4510, -12.0560, -12.7920



151.3420, -27.3260, -0.3660

Rectangle

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



157.3640, 11.1390, 12.8910



156.7320, 24.4820, 7.8580



150.4510, -12.0560, -12.7920



149.4030, -29.2960, -8.7200

Sweetspot

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



157.3640, 11.1390, 12.8910



222.5000, 4.5840, 5.0320



152.1110, -4.2660, 11.2380



110.6630, 2.5670, 3.0390



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.



157.3640, 11.1390, 12.8910



201.4020, 17.1440, 19.7040



155.6540, 15.9540, 8.2260



83.4890, 3.1170, 4.0850



57.9450, 56.8410, 65.7130



9.8260, 9.7180, 11.1100

Inverse Universe

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



157.3640, 11.1390, 12.8910



201.4020, 17.1440, 19.7040



166.3460, -15.9540, -8.2260



83.4890, 3.1170, 4.0850



57.9450, 56.8410, 65.7130



9.8260, 9.7180, 11.1100

Previews

White Background



This preview shows how the YIQ color 157.3640, 11.1390, 12.8910 looks on a white background.

Color Contrast Check

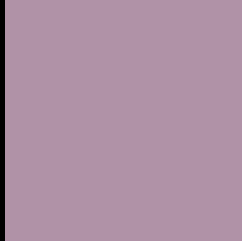
Large Text (above 18pt) WCAG AA × Fail

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 157.3640, 11.1390, 12.8910 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 ✓ Pass

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

YIQ 157.3640, 11.1390, 12.8910

Background



This preview shows how black text looks on a background with the YIQ color 157.3640, 11.1390, 12.8910.



This preview shows how white text looks on a background with the YIQ color 157.3640, 11.1390,

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

157.3640, 11.1390, 12.8910

Protanopia

155.7530, -6.3740, 5.3860

Deuteranopia

156.3090, 3.8040, 8.1560



Tritanopia

156.7400, 12.8360, 9.6680

Trichromacy



Original Color

157.3640, 11.1390, 12.8910

Protanomaly

156.1560, -0.1390, 8.0290

Deuteranomaly

156.9180, 6.4630, 9.5270

Tritanomaly

157.0820, 11.8730, 10.6010

Monochromacy



Original Color

157.3640, 11.1390, 12.8910

Achromatopsia

157.0000, 0.0000, -0.0000

Achromatomaly

157.2010, 3.9880, 4.8200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 157.3640, 11.1390, 12.8910 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(176, 146, 167)` looks like.

```
.text, #text, p{  
    color:rgb(176, 146, 167)  
}
```

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(176, 146, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 146, 167) }
```

Border

The CSS property to change the border of an element to YIQ 157.3640, 11.1390, 12.8910 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(176, 146, 167) }
```


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

```
.border{ border-color:rgb(176, 146, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 146, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 146, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 146, 167);  
box-shadow:4px 4px 4px 4px rgb(176, 146,  
167) }
```

Background

The CSS property to change the background color of an element to YIQ 157.3640, 11.1390, 12.8910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 146, 167) }
```

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

```
.background{ background-color: rgb(176,  
146, 167) }
```

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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