

Converting Colors

YIQ(110.9280, 1.6440, 36.3000)

Have a look what the booklet for
YIQ(110.9280, 1.6440, 36.3000)
contains.

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Color

**YIQ(110.9280, 1.6440,
36.3000)**

Conversions

Conversions Part 1

Format	Color
Hex	8757AB
RGB	135, 87, 171
RGB Percent	53%, 34%, 67%
CMY	0.4704, 0.6589, 0.3295
CMYK	0.21, 0.49, 0.00, 0.33
HSL	274°, 33%, 51%
HSV	274°, 49%, 67%
XYZ	20.7543, 14.9073, 40.3041
YIQ	110.9280, 1.6440, 36.3000

Conversions

Conversions Part 2

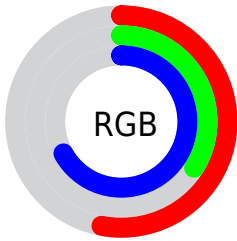
Format	Color
R_{YB}	135, 87, 171
Decimal	8869803
CIE _{Lab}	45.51, 35.97, -37.56
CIE _{LCh}	46, 52.004, 313.766
Yxy	14.9073, 0.2732, 0.1962
Android (android.graphics.Color)	4287059883 (0xFF8757AB)
YUV	110.9280, 29.6155, 21.1111
Hunter-Lab	38.6100, 28.3833, -34.8646

Details

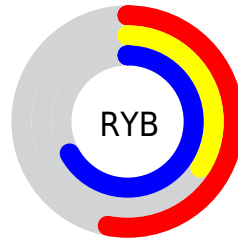
The YIQ color **110.9280, 1.6440, 36.3000** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **147.0720, -1.6440, -36.3000**, and the grayscale version is **111.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **163.6940, 2.4230, 38.7030**, and **61.1620, 0.8650, 33.8970** is the 20% darker color. If you saturate the color by 10%, you get **98.8560, 2.1470, 43.7070**, and if you desaturate by 10%, it is **123.0000, 1.1410, 28.8930**.

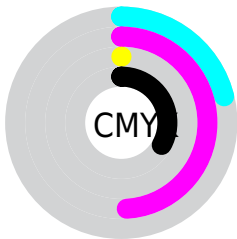
Distribution



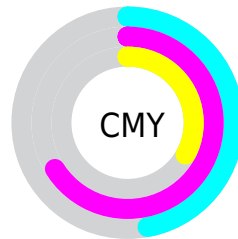
- Red (53%)
- Green (34%)
- Blue (67%)



- Red (53%)
- Yellow (34%)
- Blue (67%)



- Cyan (21%)
- Magenta (49%)
- Yellow (0%)
- Black (33%)



- Cyan (47%)
- Magenta (66%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 110.9280, 1.6440, 36.3000 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 110.9280, 1.6440, 36.3000 by changing the saturation by 10% instead.

■ 110.9280, 1.6440,
36.3000

■ 110.9280, 1.6440,
36.3000

■ 255.0000, -0.0000,
-0.0000

■ 85.9880, 1.4150,
34.9430

■ 163.6940, 2.4230,
38.7030

■ 61.1620, 0.8650,
33.8970

■ 191.1070, 2.6980,
39.2260

■ 36.4500, -0.0060,
33.1620

■ 215.6270, 12.5570,
31.2530

■ 17.7330, -2.4810,
28.4550

■ 234.4550, 9.6250,
18.3050

■ 5.5430, -14.1700,
14.5180

■ 251.4780, 1.6500,
3.1380

■ 3.3230, -7.9790,
6.9410

■ 0.0000, 0.0000,

0.0000

■ 110.9280, 1.6440,
36.3000

■ 110.9280, 1.6440,
36.3000

■ 98.8560, 2.1470,
43.7070

■ 123.0000, 1.1410,
28.8930

■ 86.4850, 2.0540,
50.9020

■ 135.3710, 1.2340,
21.6980

■ 74.4130, 2.5570,
58.3090

■ 147.4430, 0.7310,
14.2910

■ 62.3410, 3.0600,
65.7160

■ 159.5150, 0.2280,
6.8840

■ 49.3830, 3.2420,
73.4340

■ 171.8860, 0.3210,
-0.3110

■ 48.7960, 3.5170,
73.9570

■ 184.5450, -0.4570,
-8.2410

■ 196.6170, -0.9600,
-15.6480

■ 208.9880, -0.8670,
-22.8430

■ 221.0600, -1.3700,
-30.2500

Harmonies

Analogous

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



100.3700, -58.9190, 16.0330



110.9280, 1.6440, 36.3000



107.6910, 42.0360, 42.1640

Triad

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



110.9280, 1.6440, 36.3000



102.7870, 57.0390, -15.0010



89.6140, -75.9670, -27.4470

Complementary

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



110.9280, 1.6440, 36.3000



147.0720, -1.6440, -36.3000

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.



83.8970, -61.2470, -40.9190



110.9280, 1.6440, 36.3000



99.0900, 33.4760, -34.0120

Square

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



110.9280, 1.6440, 36.3000



104.2840, 66.8460, 11.0220



93.5270, -10.3550, -38.1230



93.0000, -88.2570, -13.9610

Rectangle

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



110.9280, 1.6440, 36.3000



104.7390, 59.2760, 38.0920



93.5270, -10.3550, -38.1230



87.9040, -71.1520, -32.1120

Sweetspot

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



110.9280, 1.6440, 36.3000



198.4430, 0.7310, 14.2910



117.7080, -36.8640, 7.2960



97.8680, 0.7320, 8.7640



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



110.9280, 1.6440, 36.3000



128.3590, 2.6490, 56.6410



121.0080, 25.0260, 42.0660



80.5210, 0.0910, 3.8590



42.8140, 3.1060, 64.8820



6.5090, 0.3650, 9.9090

Inverse Universe

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



116.2200, 38.5080, 29.0040



136.5530, 60.1000, 45.1880



136.9920, -25.0260, -42.0660



81.1470, 4.0800, 3.1520



52.1460, 68.8560, 51.7040



8.0170, 10.4980, 7.9860

Previews

White Background



This preview shows how the YIQ color 110.9280, 1.6440, 36.3000 looks on a white 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

Black Background



This preview shows how the YIQ color 110.9280, 1.6440, 36.3000 looks on a black 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

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

YIQ 110.9280, 1.6440, 36.3000

Background



This preview shows how black text looks on a background with the YIQ color 110.9280, 1.6440, 36.3000.



This preview shows how white text looks on a background with the YIQ color 110.9280, 1.6440,

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

110.9280, 1.6440, 36.3000

Protanopia

104.2960, -46.9070, 18.6050

Deuteranopia

105.7560, -36.8190, 11.9890



Tritanopia

109.7890, 11.1400, 7.3640

Trichromacy



Original Color

110.9280, 1.6440, 36.3000

Protanomaly

106.3800, -29.3480, 25.2760

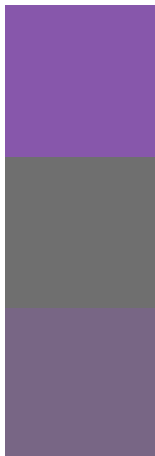
Deuteranomaly

107.4530, -22.4240, 20.9360

Tritanomaly

110.5580, 7.8370, 17.6690

Monochromacy



Original Color

110.9280, 1.6440, 36.3000

Achromatopsia

111.0000, -0.0000, 0.0000

Achromatomaly

110.9160, 0.7770, 13.4570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 110.9280, 1.6440, 36.3000 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(135, 87, 171)` looks like.

```
.text, #text, p{  
    color:rgb(135, 87, 171)  
}
```

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(135, 87, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 87, 171) }
```

Border

The CSS property to change the border of an element to YIQ 110.9280, 1.6440, 36.3000 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(135, 87, 171) }
```


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

```
.border{ border-color:rgb(135, 87, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 87, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 87, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 87, 171);  
box-shadow:4px 4px 4px 4px rgb(135, 87,  
171) }
```

Background

The CSS property to change the background color of an element to YIQ 110.9280, 1.6440, 36.3000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 87, 171) }
```

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

```
.background{ background-color: rgb(135, 87,  
171) }
```

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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