

Converting Colors

YIQ(122.6440, -3.3080, 37.9400)

Have a look what the booklet for
YIQ(122.6440, -3.3080, 37.9400)
contains.

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Color

**YIQ(122.6440, -3.3080,
37.9400)**

Conversions

Conversions Part 1

Format	Color
Hex	8F63BF
RGB	143, 99, 191
RGB Percent	56%, 39%, 75%
CMY	0.4390, 0.6118, 0.2511
CMYK	0.25, 0.48, 0.00, 0.25
HSL	269°, 42%, 57%
HSV	269°, 48%, 75%
XYZ	25.1966, 18.5242, 51.5253
YIQ	122.6440, -3.3080, 37.9400

Conversions

Conversions Part 2

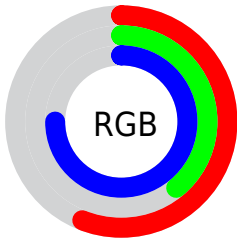
Format	Color
R_{YB}	143, 99, 191
Decimal	9397183
CIE _{Lab}	50.13, 36.17, -41.84
CIE _{LCh}	50, 55.311, 310.842
Yxy	18.5242, 0.2645, 0.1945
Android (android.graphics.Color)	4287587263 (0xFF8F63BF)
YUV	122.6440, 33.6995, 17.8522
Hunter-Lab	43.0397, 29.1789, -40.8516

Details

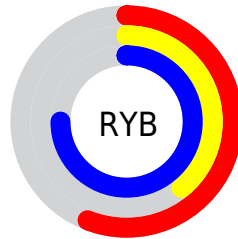
The YIQ color $122.6440, -3.3080, 37.9400$ is a dark color, and the websafe version is hex $9966CC$. A complement of this color would be $167.3560, 3.3080, -37.9400$, and the grayscale version is $122.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $176.4100, -2.5290, 40.3430$, and $71.8780, -4.0870, 35.5370$ is the 20% darker color. If you saturate the color by 10%, you get $108.5010, -4.0430, 45.7570$, and if you desaturate by 10%, it is $136.7870, -2.5730, 30.1230$.

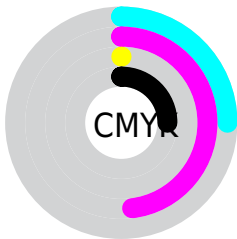
Distribution



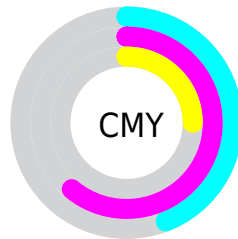
- Red (56%)
- Green (39%)
- Blue (75%)



- Red (56%)
- Yellow (39%)
- Blue (75%)



- Cyan (25%)
- Magenta (48%)
- Yellow (0%)
- Black (25%)



- Cyan (44%)
- Magenta (61%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 122.6440, -3.3080, 37.9400 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 122.6440, -3.3080, 37.9400 by changing the saturation by 10% instead.

122.6440, -3.3080,
37.9400

122.6440, -3.3080,
37.9400

255.0000, -0.0000,
-0.0000

96.8180, -3.8580,
36.8940

176.4100, -2.5290,
40.3430

71.8780, -4.0870,
35.5370

201.4290, 4.4870,
34.3350

47.6390, -4.9120,
33.9680

226.2370, 13.4750,
25.6270

22.9270, -5.7830,
33.2330

242.6730, 5.7750,
10.9830

12.5640, -9.4950,
23.4090

6.2070, -13.3440,
10.5600

2.5250, -5.7320,

4.7640

■ 0.0000, 0.0000,
0.0000

■ 122.6440, -3.3080,
37.9400

■ 122.6440, -3.3080,
37.9400

■ 108.5010, -4.0430,
45.7570

■ 136.7870, -2.5730,
30.1230

■ 94.3580, -4.7780,
53.5740

■ 150.9300, -1.8380,
22.3060

■ 80.2150, -5.5130,
61.3910

■ 165.0730, -1.1030,
14.4890

■ 66.0720, -6.2480,
69.2080

■ 179.2160, -0.3680,
6.6720

■ 51.3420, -6.7080,
77.5480

■ 193.3590, 0.3670,
-1.1450

■ 48.9830, -7.0750,
78.6930

■ 208.0890, 0.8270,
-9.4850

■ 222.2320, 1.5620,
-17.3020

■ 236.3750, 2.2970,
-25.1190

■ 241.1260, 7.4320,
-24.5680

Harmonies

Analogous

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



107.7750, -73.3610, 13.4470



122.6440, -3.3080, 37.9400



119.7990, 41.8520, 45.5000

Triad

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



122.6440, -3.3080, 37.9400



114.6630, 63.3200, -13.1920



98.2710, -82.4310, -31.4470

Complementary

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



122.6440, -3.3080, 37.9400



167.3560, 3.3080, -37.9400

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.



91.5110, -66.1520, -45.6400



122.6440, -3.3080, 37.9400



110.1570, 40.5370, -35.3270

Square

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



122.6440, -3.3080, 37.9400



115.6270, 73.3100, 15.0220



105.2840, -5.3570, -40.5970



102.7000, -96.2800, -17.2400

Rectangle

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



122.6440, -3.3080, 37.9400



116.3420, 62.0720, 42.4880



105.2840, -5.3570, -40.5970



96.3330, -76.9740, -36.7340

Sweetspot

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



122.6440, -3.3080, 37.9400



221.6600, -1.3780, 13.9660



138.2510, -43.0070, 2.9850



109.3840, -0.7810, 8.6510



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



122.6440, -3.3080, 37.9400



140.9330, -4.7790, 59.1010



136.0990, 23.5120, 47.4800



87.2220, -0.5050, 3.6470



40.7360, -5.4220, 65.2500



8.0190, -1.0110, 12.8210

Inverse Universe

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



131.9800, 39.4240, 34.4320



155.3070, 61.1530, 53.6410



153.9010, -23.5120, -47.4800



88.2610, 3.7590, 3.4630



56.5900, 67.8460, 58.9980



11.0930, 13.3400, 11.5480

Previews

White Background



This preview shows how the YIQ color 122.6440, -3.3080, 37.9400 looks on a white background.

Color Contrast Check

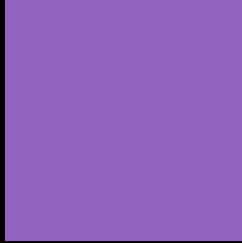
Large Text (above 18pt) WCAG AA ✓ Pass

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 122.6440, -3.3080, 37.9400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

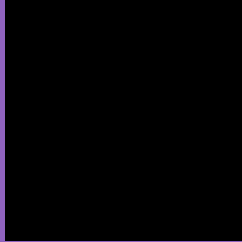
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 122.6440, -3.3080, 37.9400

Background



This preview shows how black text looks on a background with the YIQ color 122.6440, -3.3080, 37.9400.



This preview shows how white text looks on a background with the YIQ color 122.6440, -3.3080,

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

122.6440, -3.3080, 37.9400

Protanopia

115.3110, -51.2630, 20.4570

Deuteranopia

116.2870, -42.6880, 13.7280



Tritanopia

120.8100, 6.6470, 6.1910

Trichromacy



Original Color

122.6440, -3.3080, 37.9400

Protanomaly

117.9820, -33.9790, 26.6050

Deuteranomaly

118.5710, -28.5680, 22.1520

Tritanomaly

121.2200, 2.9770, 17.6410

Monochromacy



Original Color

122.6440, -3.3080, 37.9400

Achromatopsia

123.0000, -0.0000, -0.0000

Achromatomaly

122.6600, -1.3780, 13.9660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 122.6440, -3.3080, 37.9400 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(143, 99, 191)` looks like.

```
.text, #text, p{  
    color:rgb(143, 99, 191)  
}
```

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(143, 99, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 99, 191) }
```

Border

The CSS property to change the border of an element to YIQ 122.6440, -3.3080, 37.9400 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(143, 99, 191) }
```


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

```
.border{ border-color:rgb(143, 99, 191) }
```

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

Here you see how a box with a 4 pixel rgb(143, 99, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 99, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 99, 191);  
box-shadow:4px 4px 4px 4px rgb(143, 99,  
191) }
```

Background

The CSS property to change the background color of an element to YIQ 122.6440, -3.3080, 37.9400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 99, 191) }
```

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

```
.background{ background-color: rgb(143, 99,  
191) }
```

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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