

Converting Colors

YIQ(90.4230, 30.9870, 38.6590)

Have a look what the booklet for
YIQ(90.4230, 30.9870, 38.6590)
contains.

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Color

**YIQ(90.4230, 30.9870,
38.6590)**

Conversions

Conversions Part 1

Format	Color
Hex	90397A
RGB	144, 57, 122
RGB Percent	56%, 22%, 48%
CMY	0.4350, 0.7766, 0.5215
CMYK	0.00, 0.60, 0.15, 0.44
HSL	315°, 43%, 39%
HSV	315°, 60%, 56%
XYZ	16.4880, 10.2632, 19.5304
YIQ	90.4230, 30.9870, 38.6590

Conversions

Conversions Part 2

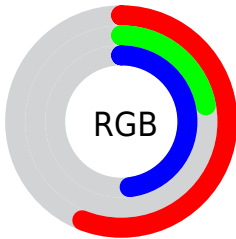
Format	Color
R_{YB}	144, 57, 122
Decimal	9451898
CIE _{Lab}	38.31, 44.76, -19.15
CIE _{LCh}	38, 48.683, 336.832
Yxy	10.2632, 0.3563, 0.2218
Android (android.graphics.Color)	4287641978 (0xFF90397A)
YUV	90.4230, 15.5675, 46.9870
Hunter-Lab	32.0363, 35.8042, -13.7197

Details

The YIQ color **90.4230, 30.9870, 38.6590** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **110.5770, -30.9870, -38.6590**, and the grayscale version is **90.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **143.7330, 33.0500, 39.8180**, and **35.5310, 30.8030, 41.9950** is the 20% darker color. If you saturate the color by 10%, you get **81.7490, 36.1210, 44.7370**, and if you desaturate by 10%, it is **99.0970, 25.8530, 32.5810**.

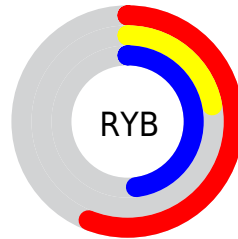
Distribution



Red (56%)

Green (22%)

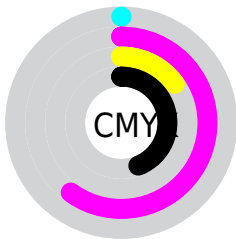
Blue (48%)



Red (56%)

Yellow (22%)

Blue (48%)

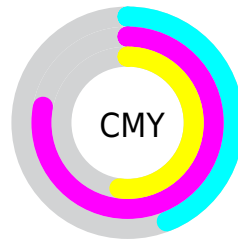


Cyan (0%)

Magenta (60%)

Yellow (15%)

Black (44%)



Cyan (44%)


Magenta (78%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 90.4230, 30.9870, 38.6590 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 90.4230, 30.9870, 38.6590 by changing the saturation by 10% instead.


 90.4230, 30.9870,
38.6590


 90.4230, 30.9870,
38.6590


255.0000, -0.0000,
-0.0000


 63.6510, 30.3450,
39.2810


 143.7330, 33.0500,
39.8180


 35.5310, 30.8030,
41.9950

 171.3310, 34.2420,
40.2420


 25.1350, 22.6900,
29.3300

 198.1460, 33.3250,
40.3410

 16.1630, 16.3190,
18.1350

 217.4320, 17.6000,
33.4720

 0.0000, 0.0000,
0.0000

 233.8680, 9.9000,
18.8280

 250.8910, 1.9250,

3.6610

■ 90.4230, 30.9870,
38.6590

■ 90.4230, 30.9870,
38.6590

■ 81.7490, 36.1210,
44.7370

■ 99.0970, 25.8530,
32.5810

■ 72.6020, 41.2090,
51.6490

■ 108.2440, 20.7650,
25.6690

■ 63.9280, 46.3430,
57.7270

■ 116.9180, 15.6310,
19.5910

■ 55.3680, 51.1560,
64.1160

■ 126.1790, 10.2220,
12.9900

■ 134.7390, 5.4090,
6.6010

■ 143.4130, 0.2750,
0.5230

■ 152.6740, -5.1340,
-6.0780

■ 161.2340, -9.9470,
-12.4670

■ 170.4950,
-15.3560, -19.0680

Harmonies

Analogous

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



92.0790, -9.2670, 30.2930



90.4230, 30.9870, 38.6590



86.0650, 55.2420, 34.1060

Triad

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



90.4230, 30.9870, 38.6590



83.6160, 35.1710, -26.1810



78.4270, -73.4020, -13.3540

Complementary

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



90.4230, 30.9870, 38.6590



110.5770, -30.9870, -38.6590

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.



74.5680, -61.1580, -26.0060



90.4230, 30.9870, 38.6590



78.9800, 1.6110, -34.7170

Square

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



90.4230, 30.9870, 38.6590



85.9920, 55.2040, -9.2760



68.7200, -47.4470, -37.7110



79.0430, -80.6480, -3.1760

Rectangle

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



90.4230, 30.9870, 38.6590



85.4380, 61.0210, 22.9810



68.7200, -47.4470, -37.7110



77.6460, -69.8250, -17.6090

Sweetspot

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



90.4230, 30.9870, 38.6590



165.7170, 11.6430, 14.7710



73.4960, -14.8150, 31.7210



81.6900, 7.1050, 8.9050



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



90.4230, 30.9870, 38.6590



102.2920, 48.3140, 60.5540



85.5210, 44.7900, 25.2860



66.7770, 2.2460, 3.3500



51.8790, 48.0390, 60.0310



3.0760, 2.8420, 3.5620

Inverse Universe

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



90.4230, 30.9870, 38.6590



102.2920, 48.3140, 60.5540



115.4790, -44.7900, -25.2860



66.7770, 2.2460, 3.3500



51.8790, 48.0390, 60.0310



3.0760, 2.8420, 3.5620

Previews

White Background



This preview shows how the YIQ color 90.4230, 30.9870, 38.6590 looks on a white background.

Color Contrast Check

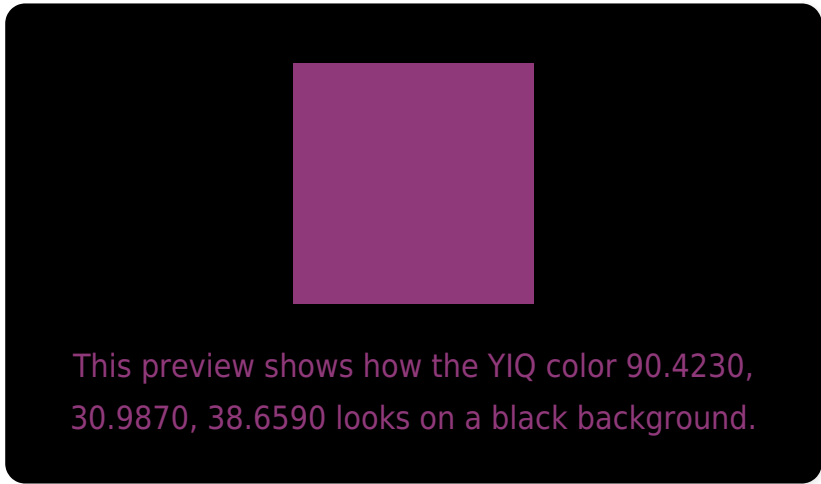
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

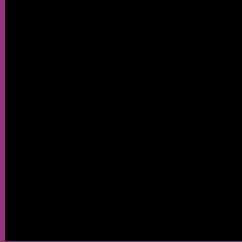
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 90.4230, 30.9870, 38.6590

Background



This preview shows how black text looks on a background with the YIQ color 90.4230, 30.9870, 38.6590.



This preview shows how white text looks on a background with the YIQ color 90.4230, 30.9870,

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

90.4230, 30.9870, 38.6590

Protanopia

89.4470, -31.4550, 13.8970

Deuteranopia

91.2950, -10.7760, 8.0720



Tritanopia

90.5000, 40.1150, 16.3950

Trichromacy



Original Color

90.4230, 30.9870, 38.6590

Protanomaly

89.7490, -8.5780, 23.3100

Deuteranomaly

90.7580, 4.3980, 19.4220

Tritanomaly

90.6880, 36.9500, 24.1980

Monochromacy



Original Color

90.4230, 30.9870, 38.6590

Achromatopsia

90.0000, -0.0000, -0.0000

Achromatomaly

90.3040, 11.3680, 14.2480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 90.4230, 30.9870, 38.6590 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(144, 57, 122)` looks like.

```
.text, #text, p{  
    color:rgb(144, 57, 122)  
}
```

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(144, 57, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 57, 122) }
```

Border

The CSS property to change the border of an element to YIQ 90.4230, 30.9870, 38.6590 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(144, 57, 122) }
```


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

```
.border{ border-color:rgb(144, 57, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 57, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 57, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 57, 122);  
box-shadow:4px 4px 4px 4px rgb(144, 57,  
122) }
```

Background

The CSS property to change the background color of an element to YIQ 90.4230, 30.9870, 38.6590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 57, 122) }
```

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

```
.background{ background-color: rgb(144, 57,  
122) }
```

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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