

Converting Colors

YIQ(69.6390, 47.8140, 36.5660)

Have a look what the booklet for
YIQ(69.6390, 47.8140, 36.5660)
contains.

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Color

**YIQ(69.6390, 47.8140,
36.5660)**

Conversions

Conversions Part 1

Format	Color
Hex	8A214F
RGB	138, 33, 79
RGB Percent	54%, 13%, 31%
CMY	0.4585, 0.8707, 0.6900
CMYK	0.00, 0.76, 0.43, 0.46
HSL	334°, 61%, 34%
HSV	334°, 76%, 54%
XYZ	12.4483, 7.0597, 8.1112
YIQ	69.6390, 47.8140, 36.5660

Conversions

Conversions Part 2

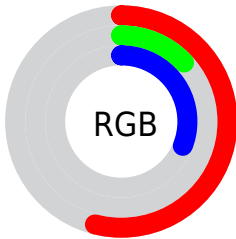
Format	Color
R_{YB}	138, 33, 79
Decimal	9052495
CIE Lab	31.94, 47.27, -1.49
CIE LCh	32, 47.294, 358.190
Yxy	7.0597, 0.4507, 0.2556
Android (android.graphics.Color)	4287242575 (0xFF8A214F)
YUV	69.6390, 4.6150, 59.9526
Hunter-Lab	26.5701, 37.1313, 0.4993

Details

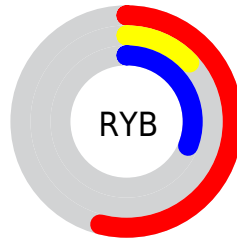
The YIQ color **69.6390, 47.8140, 36.5660** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **101.3610, -47.8140, -36.5660**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.5530, 50.9320, 35.1240**, and **28.8070, 38.2330, 28.4810** is the 20% darker color. If you saturate the color by 10%, you get **60.5090, 54.2320, 41.4000**, and if you desaturate by 10%, it is **78.7690, 41.3960, 31.7320**.

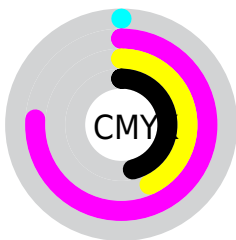
Distribution



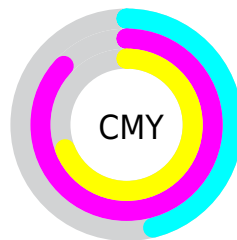
- Red (54%)
- Green (13%)
- Blue (31%)



- Red (54%)
- Yellow (13%)
- Blue (31%)



- Cyan (0%)
- Magenta (76%)
- Yellow (43%)
- Black (46%)



- Cyan (46%)
- Magenta (87%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 69.6390, 47.8140, 36.5660 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 69.6390, 47.8140, 36.5660 by changing the saturation by 10% instead.

69.6390, 47.8140,
36.5660

69.6390, 47.8140,
36.5660

255.0000, -0.0000,
-0.0000

39.2740, 47.5840,
40.7360

124.5530, 50.9320,
35.1240

28.8070, 38.2330,
28.4810

151.7490, 53.3160,
35.9720

18.8240, 30.3950,
16.3390

179.6460, 55.1040,
36.6080

7.5890, 14.5790,
5.6110

199.1600, 38.7370,
30.3610

0.0000, 0.0000,
0.0000

218.7880, 22.0490,
24.4250

237.3900, 8.2500,

15.6900

■ 69.6390, 47.8140,
36.5660

■ 69.6390, 47.8140,
36.5660

■ 60.5090, 54.2320,
41.4000

■ 78.7690, 41.3960,
31.7320

■ 51.4930, 60.3290,
46.5450

■ 87.8990, 34.9780,
26.8980

■ 48.2160, 62.6670,
48.2270

■ 96.3280, 29.1560,
22.2760

■ 105.4580, 22.7380,
17.4420

■ 114.5880, 16.3200,
12.6080

■ 123.7180, 9.9020,
7.7740

■ 132.7340, 3.8050,
2.6290

■ 141.2770, -2.3380,
-1.6820

■ 150.4070, -8.7560,
-6.5160

Harmonies

Analogous

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



75.6820, 19.8920, 35.9880



69.6390, 47.8140, 36.5660



69.6440, 57.4450, 21.7090

Triad

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



69.6390, 47.8140, 36.5660



65.7640, 11.1470, -31.3250



67.3880, -68.4980, -3.1060

Complementary

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



69.6390, 47.8140, 36.5660



101.3610, -47.8140, -36.5660

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.



66.4300, -60.2890, -14.2170



69.6390, 47.8140, 36.5660



56.0050, -35.0680, -36.2840

Square

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



69.6390, 47.8140, 36.5660



70.9570, 35.9490, -18.2510



61.6250, -48.1370, -25.2010



64.0600, -70.1500, 4.8100

Rectangle

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



69.6390, 47.8140, 36.5660



70.3750, 56.1640, 6.3720



61.6250, -48.1370, -25.2010



67.6500, -66.4800, -6.6400

Sweetspot

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



69.6390, 47.8140, 36.5660



151.6100, 19.2540, 14.5020



62.3120, 0.8630, 44.9510



72.7290, 11.3690, 8.7210



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

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



69.6390, 47.8140, 36.5660



72.8310, 74.3570, 56.6370



67.3300, 61.2050, 19.6450



64.4350, 3.2090, 2.4170



46.3790, 60.6500, 46.2340



1.7230, 2.3380, 1.6820

Inverse Universe

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



69.6390, 47.8140, 36.5660



72.8310, 74.3570, 56.6370



103.6700, -61.2050, -19.6450



64.4350, 3.2090, 2.4170



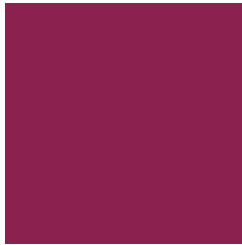
46.3790, 60.6500, 46.2340



1.7230, 2.3380, 1.6820

Previews

White Background



This preview shows how the YIQ color 69.6390, 47.8140, 36.5660 looks on a white background.

Color Contrast Check

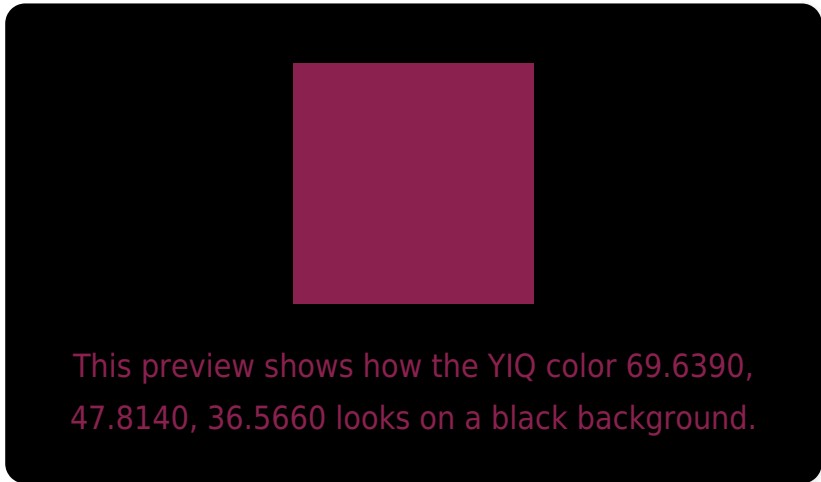
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

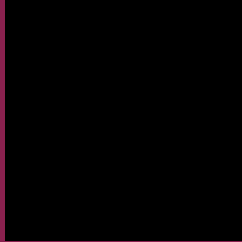
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 69.6390, 47.8140, 36.5660

Background



This preview shows how black text looks on a background with the YIQ color 69.6390, 47.8140, 36.5660.



This preview shows how white text looks on a background with the YIQ color 69.6390, 47.8140,

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

69.6390, 47.8140, 36.5660

Protanopia

76.9140, -14.0770, 7.3230

Deuteranopia

77.2890, 6.5560, 2.3320



Tritanopia

70.4480, 55.0610, 20.8610

Trichromacy



Original Color

69.6390, 47.8140, 36.5660

Protanomaly

73.9710, 8.1120, 18.1920

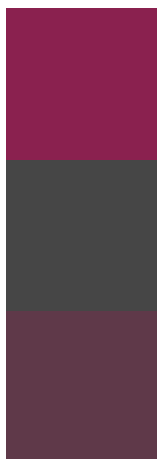
Deuteranomaly

74.3930, 21.3630, 14.8270

Tritanomaly

70.3540, 52.6300, 26.3740

Monochromacy



Original Color

69.6390, 47.8140, 36.5660

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

70.1860, 17.5120, 13.0320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 69.6390, 47.8140, 36.5660 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(138, 33, 79)` looks like.

```
.text, #text, p{  
    color:rgb(138, 33, 79)  
}
```

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(138, 33, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 33, 79) }
```

Border

The CSS property to change the border of an element to YIQ 69.6390, 47.8140, 36.5660 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(138, 33, 79) }
```


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

```
.border{ border-color:rgb(138, 33, 79) }
```

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

Here you see how a box with a 4 pixel rgb(138, 33, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 33, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 33, 79);  
box-shadow:4px 4px 4px 4px rgb(138, 33,  
79) }
```

Background

The CSS property to change the background color of an element to YIQ 69.6390, 47.8140, 36.5660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 33, 79) }
```

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

```
.background{ background-color: rgb(138, 33,  
79) }
```

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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