

# Converting Colors

YIQ(114.2430, 39.7010, 23.9010)

Have a look what the booklet for  
YIQ(114.2430, 39.7010, 23.9010)  
contains.

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# Color

**YIQ(114.2430, 39.7010,  
23.9010)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A7586F
RGB	167, 88, 111
RGB Percent	65%, 35%, 44%
CMY	0.3449, 0.6550, 0.5646
CMYK	0.00, 0.47, 0.34, 0.34
HSL	342°, 31%, 50%
HSV	343°, 47%, 66%
XYZ	22.3055, 16.3436, 17.0282
YIQ	114.2430, 39.7010, 23.9010

# Conversions

## Conversions Part 2

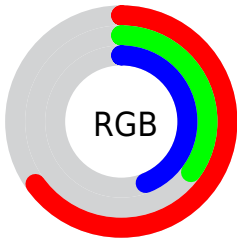
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	167, 88, 111
Decimal	10967151
CIE <sub>Lab</sub>	47.42, 35.04, 1.59
CIE <sub>LCh</sub>	47, 35.075, 2.606
Yxy	16.3436, 0.4006, 0.2935
Android (android.graphics.Color)	4289157231 (0xFFA7586F)
YUV	114.2430, -1.5988, 46.2679
Hunter-Lab	40.4272, 27.7386, 3.3257

# Details

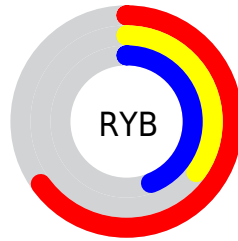
The YIQ color **114.2430, 39.7010, 23.9010** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **140.7570, -39.7010, -23.9010**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.7380, 42.6810, 24.9610**, and **63.0900, 35.7580, 23.7740** is the 20% darker color. If you saturate the color by 10%, you get **102.8960, 48.2280, 29.0600**, and if you desaturate by 10%, it is **125.5900, 31.1740, 18.7420**.

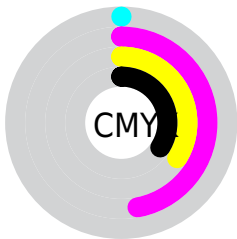
# Distribution



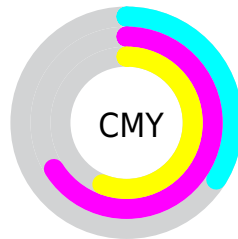
- Red (65%)
- Green (35%)
- Blue (44%)



- Red (65%)
- Yellow (35%)
- Blue (44%)



- Cyan (0%)
- Magenta (47%)
- Yellow (34%)
- Black (34%)




- Cyan (34%)
- Magenta (66%)
- Yellow (56%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 114.2430, 39.7010, 23.9010 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 114.2430, 39.7010, 23.9010 by changing the saturation by 10% instead.





 114.2430, 39.7010,  
23.9010


 114.2430, 39.7010,  
23.9010


255.0000, -0.0000,  
-0.0000


 88.4600, 37.5920,  
23.5760


 167.7380, 42.6810,  
24.9610


 63.0900, 35.7580,  
23.7740


 195.6350, 44.4690,  
25.5970


 37.5460, 34.4740,  
25.0180

 214.8610, 28.9730,  
20.0850

 20.3340, 29.0190,  
19.2510

 235.1900, 11.6890,  
13.9370

 11.1770, 21.7310,  
8.1550

 253.2390, 0.8250,  
1.5690

 0.0000, 0.0000,  
0.0000

■ 114.2430, 39.7010,  
23.9010

■ 114.2430, 39.7010,  
23.9010

■ 102.8960, 48.2280,  
29.0600

■ 125.5900, 31.1740,  
18.7420

■ 92.1360, 56.4800,  
33.6960

■ 136.3500, 22.9220,  
14.1060

■ 80.9030, 64.6860,  
39.1660

■ 147.6970, 14.3950,  
8.9470

■ 69.5560, 73.2130,  
44.3250

■ 158.9300, 6.1890,  
3.4770

■ 58.2090, 81.7400,  
49.4840

■ 169.6900, -2.0630,  
-1.1590


■ 55.5190, 83.8030,  
50.6430

■ 181.0370,  
-10.5900, -6.3180

■ 192.3840,  
-19.1170, -11.4770

■ 203.7310,

-27.6440, -16.6360

 214.4910,  
-35.8960, -21.2720

# Harmonies

## Analogous

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



115.7000, 19.4810, 26.9130



114.2430, 39.7010, 23.9010



112.9860, 47.3140, 12.5780

# Triad

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



114.2430, 39.7010, 23.9010



106.3970, 5.2310, -23.2250



90.8970, -86.4690, -13.3250

# Complementary

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



114.2430, 39.7010, 23.9010



140.7570, -39.7010, -23.9010

# 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.



90.8510, -80.8280, -21.9480



114.2430, 39.7010, 23.9010



100.5920, -26.1750, -26.7430

# Square

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



114.2430, 39.7010, 23.9010



109.9440, 28.7960, -15.2680



88.1320, -71.7940, -31.4900



107.0320, -46.5840, 7.2400



# Rectangle

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



114.2430, 39.7010, 23.9010



112.4060, 45.7110, 3.0790



88.1320, -71.7940, -31.4900



90.9140, -85.1390, -15.4030

# Sweetspot

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



114.2430, 39.7010, 23.9010



196.2950, 15.5870, 9.3710



113.4510, 7.4210, 36.2290



97.2510, 9.7190, 5.5830



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000



# Same Dimension

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



114.2430, 39.7010, 23.9010



134.1800, 62.3480, 37.4840



121.0130, 42.6840, 8.3800



78.6200, 4.1260, 2.3180



49.1540, 74.4050, 44.7490



6.6640, 9.9940, 6.1060



# Inverse Universe

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



114.2430, 39.7010, 23.9010



134.1800, 62.3480, 37.4840



133.9870, -42.6840, -8.3800



78.6200, 4.1260, 2.3180



49.1540, 74.4050, 44.7490

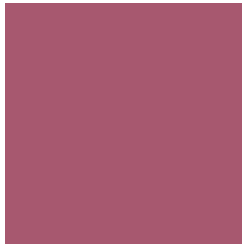


6.6640, 9.9940, 6.1060



# Previews

## White Background



This preview shows how the YIQ color 114.2430, 39.7010, 23.9010 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

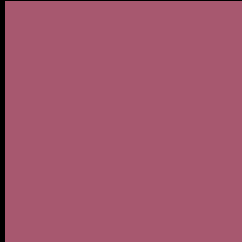
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 114.2430, 39.7010, 23.9010 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

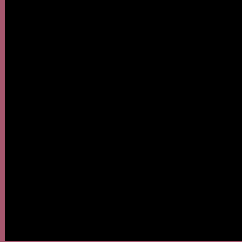
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YIQ 114.2430, 39.7010, 23.9010

## Background



This preview shows how black text looks on a background with the YIQ color 114.2430, 39.7010, 23.9010.



This preview shows how white text looks on a background with the YIQ color 114.2430, 39.7010,



# 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

114.2430, 39.7010, 23.9010

### Protanopia

113.1830, -4.7690, 3.8310

### Deuteranopia

113.8550, 10.7740, 2.9820



## Tritanopia

113.5220, 43.0490, 18.2890

# Trichromacy



## Original Color

114.2430, 39.7010, 23.9010

## Protanomaly

113.3100, 11.2310, 11.2230

## Deuteranomaly

113.7580, 21.5930, 10.6570

## Tritanomaly

113.5050, 41.7190, 20.3670

# Monochromacy



## Original Color

114.2430, 39.7010, 23.9010

## Achromatopsia

114.0000, 0.0000, 0.0000

## Achromatomaly

114.2840, 14.1200, 8.4240

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 114.2430, 39.7010, 23.9010 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(167, 88, 111)` looks like.

```
.text, #text, p{  
    color:rgb(167, 88, 111)  
}
```

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(167, 88, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 88, 111) }
```

## Border

The CSS property to change the border of an element to YIQ 114.2430, 39.7010, 23.9010 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(167, 88, 111) }
```



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

```
.border{ border-color:rgb(167, 88, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 88, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 88, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 88, 111);  
box-shadow:4px 4px 4px 4px rgb(167, 88,  
111) }
```

# Background

The CSS property to change the background color of an element to YIQ 114.2430, 39.7010, 23.9010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 88, 111) }
```

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

```
.background{ background-color: rgb(167, 88,  
111) }
```

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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