

Converting Colors

YIQ(94.2410, 16.8200, 36.5960)

Have a look what the booklet for
YIQ(94.2410, 16.8200, 36.5960)
contains.

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Color

**YIQ(94.2410, 16.8200,
36.5960)**

Conversions

Conversions Part 1

Format	Color
Hex	85428A
RGB	133, 66, 138
RGB Percent	52%, 26%, 54%
CMY	0.4782, 0.7413, 0.4588
CMYK	0.04, 0.52, 0.00, 0.46
HSL	296°, 35%, 40%
HSV	296°, 52%, 54%
XYZ	16.2153, 10.7190, 25.2602
YIQ	94.2410, 16.8200, 36.5960

Conversions

Conversions Part 2

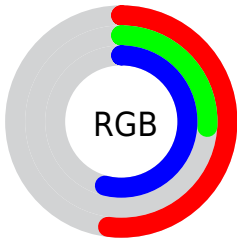
Format	Color
RYB	133, 66, 138
Decimal	8733322
CIELab	39.10, 39.80, -27.89
CIELCh	39, 48.594, 324.980
Yxy	10.7190, 0.3107, 0.2054
Android (android.graphics.Color)	4286923402 (0xFF85428A)
YUV	94.2410, 21.5732, 33.9916
Hunter-Lab	32.7399, 31.1122, -22.8267

Details

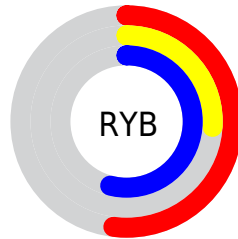
The YIQ color **94.2410, 16.8200, 36.5960** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **109.7590, -16.8200, -36.5960**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.7790, 18.2410, 38.3770**, and **42.4690, 16.1780, 37.2180** is the 20% darker color. If you saturate the color by 10%, you get **85.7240, 20.0740, 43.7060**, and if you desaturate by 10%, it is **102.7580, 13.5660, 29.4860**.

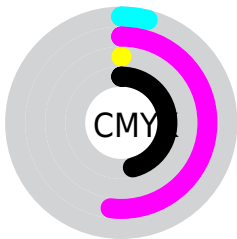
Distribution



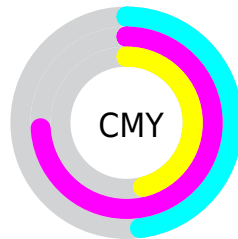
- Red (52%)
- Green (26%)
- Blue (54%)



- Red (52%)
- Yellow (26%)
- Blue (54%)



- Cyan (4%)
- Magenta (52%)
- Yellow (0%)
- Black (46%)



- Cyan (48%)
- Magenta (74%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 94.2410, 16.8200, 36.5960 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 94.2410, 16.8200, 36.5960 by changing the saturation by 10% instead.

■ 94.2410, 16.8200,
36.5960

■ 94.2410, 16.8200,
36.5960

■ 255.0000, -0.0000,
-0.0000

■ 68.8280, 16.5450,
36.0730

■ 146.7790, 18.2410,
38.3770

■ 42.4690, 16.1780,
37.2180

■ 173.6050, 18.7910,
39.4230

■ 24.0400, 12.8320,
31.7760

■ 201.3170, 19.6620,
40.1580

■ 15.5520, 7.9740,
20.6940

■ 221.5410, 15.6750,
29.8110

■ 2.7530, -6.3740,
5.3860

■ 237.9770, 7.9750,
15.1670

■ 0.0000, 0.0000,
0.0000

■ 94.2410, 16.8200,
36.5960

■ 94.2410, 16.8200,
36.5960

■ 85.7240, 20.0740,
43.7060

■ 102.7580, 13.5660,
29.4860

■ 77.2070, 23.3280,
50.8160

■ 111.2750, 10.3120,
22.3760

■ 69.2770, 26.3070,
57.4030

■ 119.2050, 7.3330,
15.7890

■ 60.7600, 29.5610,
64.5130

■ 127.7220, 4.0790,
8.6790

■ 54.3030, 32.5860,
70.2660

■ 136.2390, 0.8250,
1.5690

■ 144.7560, -2.4290,
-5.5410

■ 153.2730, -5.6830,
-12.6510

■ 161.2030, -8.6620,

-19.2380

■ 169.7200,
-11.9160, -26.3480

Harmonies

Analogous

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



91.3260, -29.2560, 23.6080



94.2410, 16.8200, 36.5960



89.4650, 48.3640, 37.6120

Triad

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



94.2410, 16.8200, 36.5960



86.6390, 45.5320, -21.2200



78.7060, -70.0540, -18.9660

Complementary

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



94.2410, 16.8200, 36.5960



109.7590, -16.8200, -36.5960

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.



74.1460, -57.2140, -31.4060



94.2410, 16.8200, 36.5960



82.8910, 17.9790, -33.9970

Square

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



94.2410, 16.8200, 36.5960



88.5830, 58.2740, 1.1700



72.6090, -34.0130, -38.8850



80.5930, -79.5010, -7.4450

Rectangle

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



94.2410, 16.8200, 36.5960



87.6970, 59.0940, 30.3740



72.6090, -34.0130, -38.8850



77.2240, -65.8810, -23.0090

Sweetspot

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



94.2410, 16.8200, 36.5960



161.3790, 6.7830, 14.7430



77.7300, -24.7620, 19.2540



78.7220, 4.0790, 8.6790



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.



94.2410, 16.8200, 36.5960



110.2770, 26.3070, 57.4030



92.3160, 29.4300, 28.3260



64.5920, 1.3290, 3.4490



51.9390, 30.6150, 67.4390



2.0650, 1.3750, 2.6150

Inverse Universe

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



88.0980, 41.3070, 16.8190



100.6990, 64.7800, 26.4440



111.6840, -29.4300, -28.3260



64.0930, 4.1720, 1.4840



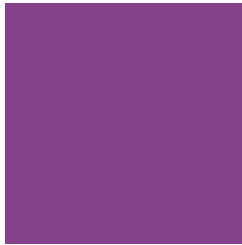
40.7930, 76.3790, 30.9950



1.4950, 2.9800, 1.0600

Previews

White Background



This preview shows how the YIQ color 94.2410, 16.8200, 36.5960 looks on a white background.

Color Contrast Check

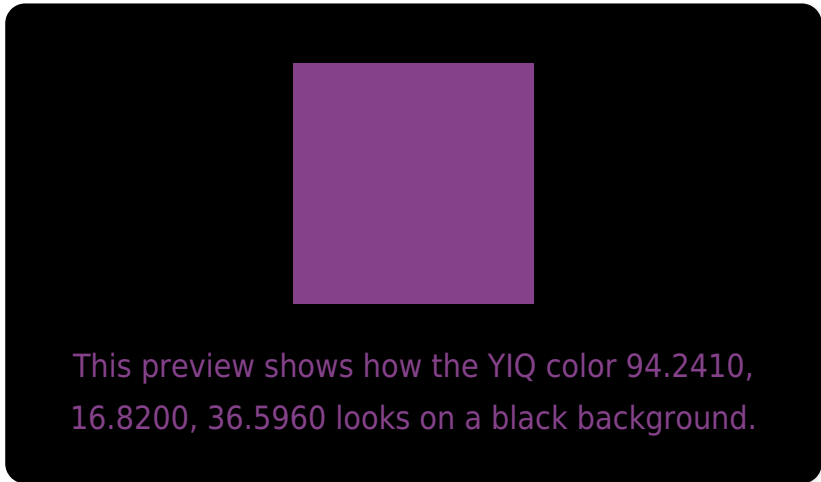
Large Text (above 18pt) WCAG AA ✓ Pass

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

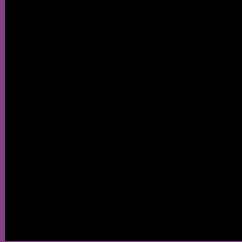
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 94.2410, 16.8200, 36.5960

Background



This preview shows how black text looks on a background with the YIQ color 94.2410, 16.8200, 36.5960.



This preview shows how white text looks on a background with the YIQ color 94.2410, 16.8200,

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

94.2410, 16.8200, 36.5960

Protanopia

89.6080, -39.1580, 15.8340

Deuteranopia

92.1890, -22.1010, 9.5710



Tritanopia

93.7370, 26.0860, 11.8300

Trichromacy



Original Color

94.2410, 16.8200, 36.5960

Protanomaly

91.1870, -18.6190, 23.5650

Deuteranomaly

93.1140, -8.3480, 19.1400

Tritanomaly

93.8650, 23.1500, 20.9900

Monochromacy



Original Color

94.2410, 16.8200, 36.5960

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

94.1400, 5.9580, 13.1740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 94.2410, 16.8200, 36.5960 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(133, 66, 138)` looks like.

```
.text, #text, p{  
    color:rgb(133, 66, 138)  
}
```

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(133, 66, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 66, 138) }
```

Border

The CSS property to change the border of an element to YIQ 94.2410, 16.8200, 36.5960 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(133, 66, 138) }
```


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

```
.border{ border-color:rgb(133, 66, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 66, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 66, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 66, 138);  
box-shadow:4px 4px 4px 4px rgb(133, 66,  
138) }
```

Background

The CSS property to change the background color of an element to YIQ 94.2410, 16.8200, 36.5960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 66, 138) }
```

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

```
.background{ background-color: rgb(133, 66,  
138) }
```

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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