

Converting Colors

YIQ(85.3330, 4.3970, 24.9490)

Have a look what the booklet for
YIQ(85.3330, 4.3970, 24.9490)
contains.

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Color

**YIQ(85.3330, 4.3970,
24.9490)**

Conversions

Conversions Part 1

Format	Color
Hex	69447B
RGB	105, 68, 123
RGB Percent	41%, 27%, 48%
CMY	0.5881, 0.7334, 0.5177
CMYK	0.15, 0.45, 0.00, 0.52
HSL	280°, 29%, 37%
HSV	280°, 45%, 48%
XYZ	11.4703, 8.5674, 19.7859
YIQ	85.3330, 4.3970, 24.9490

Conversions

Conversions Part 2

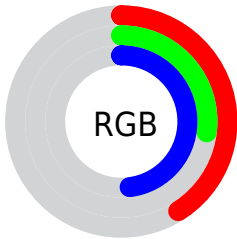
Format	Color
R_{YB}	105, 68, 123
Decimal	6898811
CIE _{Lab}	35.14, 26.67, -25.11
CIE _{LCh}	35, 36.630, 316.716
Yxy	8.5674, 0.2880, 0.2151
Android (android.graphics.Color)	4285088891 (0xFF69447B)
YUV	85.3330, 18.5698, 17.2480
Hunter-Lab	29.2702, 18.7272, -19.5895

Details

The YIQ color **85.3330, 4.3970, 24.9490** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **105.6670, -4.3970, -24.9490**, and the grayscale version is **85.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **135.6860, 4.9010, 26.8290**, and **38.6810, 3.2970, 22.8570** is the 20% darker color. If you saturate the color by 10%, you get **77.0930, 5.3130, 30.3770**, and if you desaturate by 10%, it is **93.5730, 3.4810, 19.5210**.

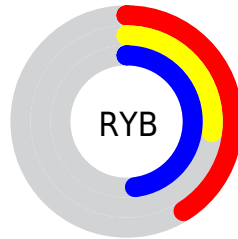
Distribution



Red (41%)

Green (27%)

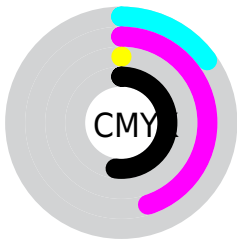
Blue (48%)



Red (41%)

Yellow (27%)

Blue (48%)

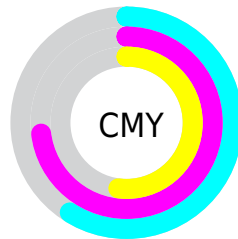


Cyan (15%)

Magenta (45%)

Yellow (0%)

Black (52%)



Cyan (59%)

Magenta (73%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 85.3330, 4.3970, 24.9490 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 85.3330, 4.3970, 24.9490 by changing the saturation by 10% instead.

85.3330, 4.3970,
24.9490

85.3330, 4.3970,
24.9490

255.0000, -0.0000,
-0.0000

61.5070, 3.8470,
23.9030

135.6860, 4.9010,
26.8290

38.6810, 3.2970,
22.8570

162.3980, 5.7720,
27.5640

15.9800, 3.8930,
23.0690

189.9250, 5.7260,
28.3980

3.3060, -9.3090,
9.0190

216.7680, 7.6060,
27.3660

0.0000, 0.0000,
0.0000

237.3900, 8.2500,
15.6900

254.4130, 0.2750,

0.5230

■ 85.3330, 4.3970,
24.9490

■ 85.3330, 4.3970,
24.9490

■ 77.0930, 5.3130,
30.3770

■ 93.5730, 3.4810,
19.5210

■ 68.2660, 6.5040,
36.3280

■ 102.4000, 2.2900,
13.5700

■ 60.0260, 7.4200,
41.7560

■ 110.6400, 1.3740,
8.1420

■ 51.7860, 8.3360,
47.1840

■ 118.8800, 0.4580,
2.7140

■ 42.9590, 9.5270,
53.1350

■ 127.1200, -0.4580,
-2.7140

■ 38.8390, 9.9850,
55.8490

■ 135.9470, -1.6490,
-8.6650

■ 144.1870, -2.5650,
-14.0930

■ 152.4270, -3.4810,
-19.5210

■ 161.2540, -4.6720,
-25.4720

Harmonies

Analogous

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



80.7460, -30.8590, 14.1090



85.3330, 4.3970, 24.9490



83.6750, 29.7970, 27.1810

Triad

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



85.3330, 4.3970, 24.9490



80.4120, 36.4060, -10.0100



68.2250, -58.4540, -19.9420

Complementary

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



85.3330, 4.3970, 24.9490



105.6670, -4.3970, -24.9490

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.



64.1040, -48.2280, -29.0600



85.3330, 4.3970, 24.9490



77.8070, 18.7560, -20.5400

Square

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



85.3330, 4.3970, 24.9490



81.1010, 45.2520, 5.8920



73.8020, -9.2110, -25.8110



70.0150, -66.2500, -10.8100

Rectangle

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



85.3330, 4.3970, 24.9490



82.3140, 40.9390, 23.4910



73.8020, -9.2110, -25.8110



67.0850, -55.2440, -23.0520

Sweetspot

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



85.3330, 4.3970, 24.9490



146.5800, 1.6030, 9.4990



84.8360, -22.6050, 7.6910



72.8740, 0.5950, 5.7390



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



85.3330, 4.3970, 24.9490



101.2600, 6.6410, 39.3530



89.6890, 18.0140, 25.9660



56.8800, 0.4580, 2.7140



39.3660, 9.9390, 56.6830



79.5580, 20.4280, 114.4120

Inverse Universe

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



86.4970, 27.0020, 17.2580



103.2050, 42.8640, 27.1520



101.3110, -18.0140, -25.9660



57.0220, 2.9340, 1.8940



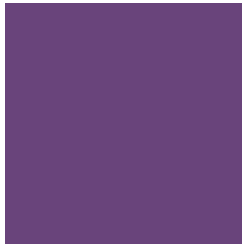
42.0490, 61.3390, 39.2510



84.6960, 123.8700, 78.9260

Previews

White Background



This preview shows how the YIQ color 85.3330, 4.3970, 24.9490 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



This preview shows how the YIQ color 85.3330, 4.3970, 24.9490 looks on a 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 85.3330, 4.3970, 24.9490

Background



This preview shows how black text looks on a background with the YIQ color 85.3330, 4.3970, 24.9490.



This preview shows how white text looks on a background with the YIQ color 85.3330, 4.3970,

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

85.3330, 4.3970, 24.9490

Protanopia

81.3610, -28.3370, 12.4550

Deuteranopia

82.1460, -20.5420, 8.8500



Tritanopia

84.2620, 11.1860, 6.5300

Trichromacy



Original Color

85.3330, 4.3970, 24.9490

Protanomaly

82.7540, -16.1420, 17.2180

Deuteranomaly

83.2120, -11.7400, 14.5320

Tritanomaly

84.8090, 8.3880, 13.1880

Monochromacy



Original Color

85.3330, 4.3970, 24.9490

Achromatopsia

85.0000, -0.0000, 0.0000

Achromatomaly

85.1670, 1.3280, 8.9760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 85.3330, 4.3970, 24.9490 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(105, 68, 123)` looks like.

```
.text, #text, p{  
    color:rgb(105, 68, 123)  
}
```

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(105, 68, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 68, 123) }
```

Border

The CSS property to change the border of an element to YIQ 85.3330, 4.3970, 24.9490 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(105, 68, 123) }
```


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

```
.border{ border-color:rgb(105, 68, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 68, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 68, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 68, 123);  
box-shadow:4px 4px 4px 4px rgb(105, 68,  
123) }
```

Background

The CSS property to change the background color of an element to YIQ 85.3330, 4.3970, 24.9490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 68, 123) }
```

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

```
.background{ background-color: rgb(105, 68,  
123) }
```

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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