

Converting Colors

YIQ(85.7130, 9.4390, 32.6950)

Have a look what the booklet for
YIQ(85.7130, 9.4390, 32.6950)
contains.

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Color

**YIQ(85.7130, 9.4390,
32.6950)**

Conversions

Conversions Part 1

Format	Color
Hex	733E83
RGB	115, 62, 131
RGB Percent	45%, 24%, 51%
CMY	0.5488, 0.7569, 0.4863
CMYK	0.12, 0.53, 0.00, 0.49
HSL	286°, 36%, 38%
HSV	286°, 53%, 51%
XYZ	12.8938, 8.7292, 22.4766
YIQ	85.7130, 9.4390, 32.6950

Conversions

Conversions Part 2

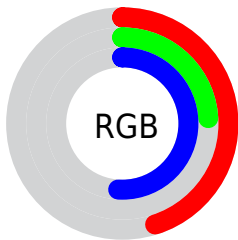
Format	Color
R_{YB}	115, 62, 131
Decimal	7552643
CIE _{Lab}	35.46, 35.11, -29.48
CIE _{LCh}	35, 45.847, 319.982
Yxy	8.7292, 0.2924, 0.1979
Android (android.graphics.Color)	4285742723 (0xFF733E83)
YUV	85.7130, 22.3265, 25.6847
Hunter-Lab	29.5452, 26.1948, -24.4234

Details

The YIQ color **85.7130, 9.4390, 32.6950** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **107.2870, -9.4390, -32.6950**, and the grayscale version is **85.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **137.2510, 10.8600, 34.4760**, and **36.0010, 8.5680, 31.9600** is the 20% darker color. If you saturate the color by 10%, you get **77.1850, 11.2260, 38.8580**, and if you desaturate by 10%, it is **94.2410, 7.6520, 26.5320**.

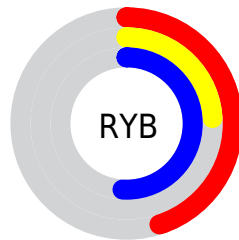
Distribution



Red (45%)

Green (24%)

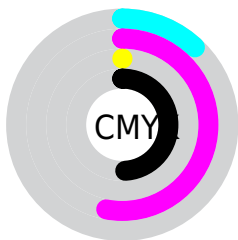
Blue (51%)



Red (45%)

Yellow (24%)

Blue (51%)

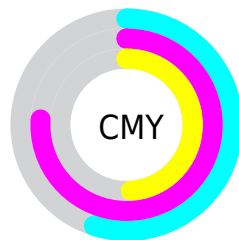


Cyan (12%)

Magenta (53%)

Yellow (0%)

Black (49%)



Cyan (55%)

Magenta (76%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 85.7130, 9.4390, 32.6950 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 85.7130, 9.4390, 32.6950 by changing the saturation by 10% instead.

85.7130, 9.4390,
32.6950

85.7130, 9.4390,
32.6950

255.0000, -0.0000,
-0.0000

61.0010, 8.5680,
31.9600

137.2510, 10.8600,
34.4760

36.3000, 9.1640,
32.1720

163.7780, 10.8140,
35.3100

18.8710, 5.8180,
26.7300

191.0170, 11.6390,
36.8790

7.9910, -3.8080,
13.9520

217.7200, 16.7290,
32.7370

1.2540, -3.5310,
3.4210

234.4550, 9.6250,
18.3050

0.0000, 0.0000,
0.0000

251.4780, 1.6500,

3.1380

■ 85.7130, 9.4390,
32.6950

■ 85.7130, 9.4390,
32.6950

■ 77.1850, 11.2260,
38.8580

■ 94.2410, 7.6520,
26.5320

■ 68.6570, 13.0130,
45.0210

■ 102.7690, 5.8650,
20.3690

■ 60.1290, 14.8000,
51.1840

■ 111.2970, 4.0780,
14.2060

■ 51.6010, 16.5870,
57.3470

■ 119.8250, 2.2910,
8.0430

■ 45.1330, 18.1450,
62.1530

■ 128.3530, 0.5040,
1.8800

■ 137.4680, -1.5580,
-4.8060

■ 145.9960, -3.3450,
-10.9690

■ 154.5240, -5.1320,
-17.1320

■ 163.0520, -6.9190,
-23.2950

Harmonies

Analogous

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



80.8580, -36.8660, 18.3500



85.7130, 9.4390, 32.6950



81.4040, 41.1660, 35.9020

Triad

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



85.7130, 9.4390, 32.6950



78.3880, 44.9810, -16.7390



70.8980, -61.8470, -19.0230

Complementary

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



85.7130, 9.4390, 32.6950



107.2870, -9.4390, -32.6950

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.



66.5660, -49.6490, -30.8410



85.7130, 9.4390, 32.6950



75.2660, 21.4170, -30.2230

Square

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



85.7130, 9.4390, 32.6950



80.1360, 55.3390, 4.8030



68.7850, -19.7090, -33.7970



73.3720, -71.5690, -8.0250

Rectangle

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



85.7130, 9.4390, 32.6950



79.2880, 52.9960, 30.7560



68.7850, -19.7090, -33.7970



69.5300, -57.9950, -22.7550

Sweetspot

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



85.7130, 9.4390, 32.6950



153.3570, 3.8490, 12.8490



79.2580, -26.5490, 13.0910



75.8250, 2.2910, 8.0430



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



85.7130, 9.4390, 32.6950



100.1290, 14.8000, 51.1840



88.4450, 24.7530, 30.4890



62.1790, 1.0540, 2.9260



44.7200, 17.8700, 61.6300



0.9400, 0.2290, 1.3570

Inverse Universe

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



84.4550, 35.9880, 19.6040



98.1420, 56.3430, 30.6710



104.5550, -24.7530, -30.4890



61.9080, 3.2550, 1.5830



42.2900, 67.8500, 36.8900



1.0110, 1.4670, 0.9470

Previews

White Background



This preview shows how the YIQ color 85.7130, 9.4390, 32.6950 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 85.7130, 9.4390, 32.6950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

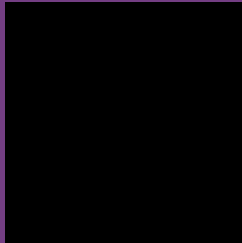
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 85.7130, 9.4390, 32.6950

Background



This preview shows how black text looks on a background with the YIQ color 85.7130, 9.4390, 32.6950.



This preview shows how white text looks on a background with the YIQ color 85.7130, 9.4390,

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

85.7130, 9.4390, 32.6950

Protanopia

80.6680, -39.3870, 14.4770

Deuteranopia

82.6230, -26.3190, 8.9210



Tritanopia

85.4370, 18.0630, 8.5510

Trichromacy



Original Color

85.7130, 9.4390, 32.6950

Protanomaly

82.6380, -21.5070, 20.8370

Deuteranomaly

83.7220, -13.1160, 17.4440

Tritanomaly

85.5650, 15.1270, 17.7110

Monochromacy



Original Color

85.7130, 9.4390, 32.6950

Achromatopsia

86.0000, -0.0000, -0.0000

Achromatomaly

85.8300, 3.8950, 12.0150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 85.7130, 9.4390, 32.6950 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(115, 62, 131)` looks like.

```
.text, #text, p{  
    color:rgb(115, 62, 131)  
}
```

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(115, 62, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 62, 131) }
```

Border

The CSS property to change the border of an element to YIQ 85.7130, 9.4390, 32.6950 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(115, 62, 131) }
```


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

```
.border{ border-color:rgb(115, 62, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 62, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 62, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 62, 131);  
box-shadow:4px 4px 4px 4px rgb(115, 62,  
131) }
```

Background

The CSS property to change the background color of an element to YIQ 85.7130, 9.4390, 32.6950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 62, 131) }
```

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

```
.background{ background-color: rgb(115, 62,  
131) }
```

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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