

Converting Colors

YIQ(85.4490, 9.7620, 21.3300)

Have a look what the booklet for
YIQ(85.4490, 9.7620, 21.3300)
contains.

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Color

**YIQ(85.4490, 9.7620,
21.3300)**

Conversions

Conversions Part 1

Format	Color
Hex	6C456F
RGB	108, 69, 111
RGB Percent	42%, 27%, 44%
CMY	0.5763, 0.7295, 0.5647
CMYK	0.03, 0.38, 0.00, 0.56
HSL	296°, 23%, 35%
HSV	296°, 38%, 44%
XYZ	11.1845, 8.5920, 16.1083
YIQ	85.4490, 9.7620, 21.3300

Conversions

Conversions Part 2

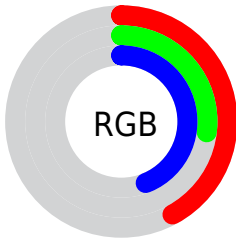
Format	Color
R_{YB}	108, 69, 111
Decimal	7095663
CIE _{Lab}	35.19, 24.38, -17.52
CIE _{LCh}	35, 30.029, 324.296
Yxy	8.5920, 0.3117, 0.2394
Android (android.graphics.Color)	4285285743 (0xFF6C456F)
YUV	85.4490, 12.5966, 19.7772
Hunter-Lab	29.3121, 16.8130, -12.0640

Details

The YIQ color **85.4490, 9.7620, 21.3300** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **94.5510, -9.7620, -21.3300**, and the grayscale version is **85.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **135.6880, 10.5870, 22.8990**, and **38.9110, 8.3410, 19.5490** is the 20% darker color. If you saturate the color by 10%, you get **78.6930, 12.1910, 26.8710**, and if you desaturate by 10%, it is **92.2050, 7.3330, 15.7890**.

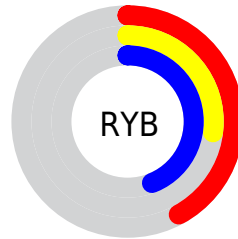
Distribution



Red (42%)

Green (27%)

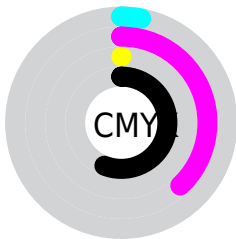
Blue (44%)



Red (42%)

Yellow (27%)

Blue (44%)

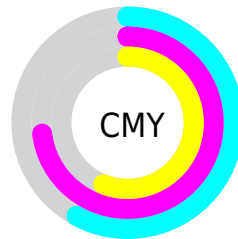


Cyan (3%)

Magenta (38%)

Yellow (0%)

Black (56%)



Cyan (58%)

Magenta (73%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 85.4490, 9.7620, 21.3300 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 85.4490, 9.7620, 21.3300 by changing the saturation by 10% instead.

85.4490, 9.7620,
21.3300

85.4490, 9.7620,
21.3300

255.0000, -0.0000,
-0.0000

61.7370, 8.8910,
20.5950

135.6880, 10.5870,
22.8990

38.9110, 8.3410,
19.5490

162.4000, 11.4580,
23.6340

16.3240, 8.6160,
20.0720

189.8130, 11.7330,
24.1570

2.2800, -6.4200,
6.2200

217.2260, 12.0080,
24.6800

0.0000, 0.0000,
0.0000

237.9770, 7.9750,
15.1670

85.4490, 9.7620,
21.3300

85.4490, 9.7620,
21.3300

78.6930, 12.1910,
26.8710

92.2050, 7.3330,
15.7890

71.9370, 14.6200,
32.4120

98.9610, 4.9040,
10.2480

65.4800, 17.6450,
38.1650

105.4180, 1.8790,
4.4950

58.7240, 20.0740,
43.7060

112.1740, -0.5500,
-1.0460

51.3810, 22.7780,
49.7700

118.9300, -2.9790,
-6.5870

44.6250, 25.2070,
55.3110


126.2730, -5.6830,
-12.6510

43.4510, 25.7570,
56.3570

133.0290, -8.1120,
-18.1920

139.4860,

-11.1370, -23.9450

 146.2420,
-13.5660, -29.4860

Harmonies

Analogous

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



83.1730, -16.0040, 14.7160



85.4490, 9.7620, 21.3300



84.3880, 28.9270, 20.9190

Triad

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



85.4490, 9.7620, 21.3300



81.0350, 27.2820, -9.8540



67.3930, -58.8670, -17.9630

Complementary

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



85.4490, 9.7620, 21.3300



94.5510, -9.7620, -21.3300

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.



64.5430, -50.8420, -25.7380



85.4490, 9.7620, 21.3300



78.6090, 10.6860, -17.4580

Square

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



85.4490, 9.7620, 21.3300



82.2740, 37.2750, 1.7790



74.8110, -13.4300, -20.9340



67.7980, -64.1410, -10.4850

Rectangle

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



85.4490, 9.7620, 21.3300



83.4610, 35.8510, 16.5790



74.8110, -13.4300, -20.9340



66.4810, -56.2990, -20.4510

Sweetspot

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



85.4490, 9.7620, 21.3300



135.3090, 3.8040, 8.1560



75.5490, -14.3070, 11.4930



67.8310, 2.1540, 5.0180



201.0000, -0.0000, 0.0000



74.0000, -0.0000, 0.0000

Same Dimension

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



85.4490, 9.7620, 21.3300



105.6490, 15.4910, 33.1470



84.2940, 17.3280, 16.3680



52.4780, 1.6500, 3.1380



46.8690, 27.6360, 60.8520



96.9280, 57.7930, 125.5770

Inverse Universe

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



81.9000, 24.0690, 9.8370



100.0050, 37.1350, 15.3350



95.5920, -17.0070, -16.6790



51.9080, 3.2550, 1.5830



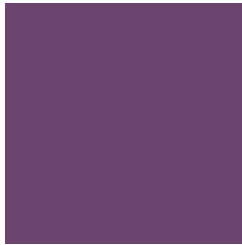
36.7920, 68.9520, 27.9280



75.7910, 141.7550, 57.6510

Previews

White Background



This preview shows how the YIQ color 85.4490, 9.7620, 21.3300 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 85.4490, 9.7620, 21.3300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

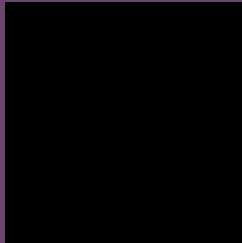
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 85.4490, 9.7620, 21.3300

Background



This preview shows how black text looks on a background with the YIQ color 85.4490, 9.7620, 21.3300.



This preview shows how white text looks on a background with the YIQ color 85.4490, 9.7620,

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

85.4490, 9.7620, 21.3300

Protanopia

82.8580, -19.6710, 9.5850

Deuteranopia

83.5830, -11.6470, 7.3370



Tritanopia

84.3550, 15.3580, 8.0140

Trichromacy



Original Color

85.4490, 9.7620, 21.3300

Protanomaly

83.6530, -8.6680, 13.9240

Deuteranomaly

84.0510, -4.0370, 12.5950

Tritanomaly

84.7340, 12.9730, 12.6930

Monochromacy



Original Color

85.4490, 9.7620, 21.3300

Achromatopsia

85.0000, -0.0000, 0.0000

Achromatomaly

84.8960, 3.5290, 7.6330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 85.4490, 9.7620, 21.3300 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(108, 69, 111)` looks like.

```
.text, #text, p{  
    color:rgb(108, 69, 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(108, 69, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 69, 111) }
```

Border

The CSS property to change the border of an element to YIQ 85.4490, 9.7620, 21.3300 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(108, 69, 111) }
```


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

```
.border{ border-color:rgb(108, 69, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 69, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 69, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 69, 111);  
box-shadow:4px 4px 4px 4px rgb(108, 69,  
111) }
```

Background

The CSS property to change the background color of an element to YIQ 85.4490, 9.7620, 21.3300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 69, 111) }
```

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

```
.background{ background-color: rgb(108, 69,  
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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