

Converting Colors

YIQ(64.3540, 35.4350, 35.1390)

Have a look what the booklet for
YIQ(64.3540, 35.4350, 35.1390)
contains.

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Color

**YIQ(64.3540, 35.4350,
35.1390)**

Conversions

Conversions Part 1

Format	Color
Hex	782055
RGB	120, 32, 85
RGB Percent	47%, 13%, 33%
CMY	0.5292, 0.8746, 0.6666
CMYK	0.00, 0.73, 0.29, 0.53
HSL	324°, 58%, 30%
HSV	324°, 73%, 47%
XYZ	9.9105, 5.6848, 9.1746
YIQ	64.3540, 35.4350, 35.1390

Conversions

Conversions Part 2

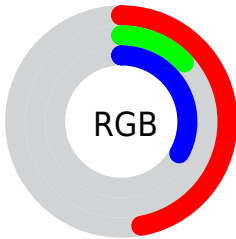
Format	Color
R_{YB}	120, 32, 85
Decimal	7872597
CIE _{Lab}	28.60, 43.08, -10.78
CIE _{LCh}	29, 44.411, 345.953
Yxy	5.6848, 0.4001, 0.2295
Android (android.graphics.Color)	4286062677 (0xFF782055)
YUV	64.3540, 10.1785, 48.8015
Hunter-Lab	23.8428, 32.4704, -6.1244

Details

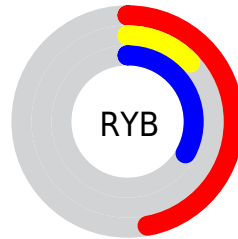
The YIQ color **64.3540, 35.4350, 35.1390** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **87.6460, -35.4350, -35.1390**, and the grayscale version is **64.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **117.0230, 37.8650, 35.1530**, and **24.5930, 27.0920, 26.6440** is the 20% darker color. If you saturate the color by 10%, you get **56.7400, 40.3400, 39.8600**, and if you desaturate by 10%, it is **71.9680, 30.5300, 30.4180**.

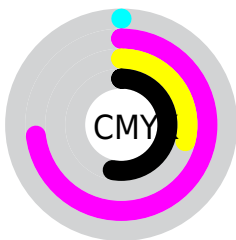
Distribution



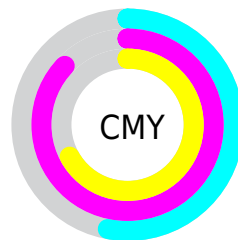
- Red (47%)
- Green (13%)
- Blue (33%)



- Red (47%)
- Yellow (13%)
- Blue (33%)



- Cyan (0%)
- Magenta (73%)
- Yellow (29%)
- Black (53%)



- Cyan (53%)
- Magenta (87%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 64.3540, 35.4350, 35.1390 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 64.3540, 35.4350, 35.1390 by changing the saturation by 10% instead.

64.3540, 35.4350,
35.1390

64.3540, 35.4350,
35.1390

255.0000, -0.0000,
-0.0000

34.8750, 35.5260,
38.9980

117.0230, 37.8650,
35.1530

24.5930, 27.0920,
26.6440

143.9200, 39.6530,
35.7890

15.6210, 20.7210,
15.4490

171.5180, 40.8450,
36.2130

0.0000, 0.0000,
0.0000

197.1370, 37.5440,
35.4640

216.7650, 20.8560,
29.5280

234.4550, 9.6250,

18.3050

251.4780, 1.6500,
3.1380

64.3540, 35.4350,
35.1390

64.3540, 35.4350,
35.1390

56.7400, 40.3400,
39.8600

71.9680, 30.5300,
30.4180

49.1260, 45.2450,
44.5810

79.5820, 25.6250,
25.6970

44.0880, 48.4080,
47.8320

87.0820, 21.0410,
20.6650

94.6960, 16.1360,
15.9440

102.3100, 11.2310,
11.2230

■ 109.9240, 6.3260,
6.5020

■ 117.4240, 1.7420,
1.4700

■ 125.0380, -3.1630,
-3.2510

■ 132.6520, -8.0680,
-7.9720

Harmonies

Analogous

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



69.1960, 3.5250, 29.7410



64.3540, 35.4350, 35.1390



60.8100, 51.3460, 27.6180

Triad

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



64.3540, 35.4350, 35.1390



61.4110, 19.8110, -23.1410



60.7710, -59.5110, -6.2870

Complementary

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



64.3540, 35.4350, 35.1390



87.6460, -35.4350, -35.1390

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.



58.4110, -50.1100, -16.9740



64.3540, 35.4350, 35.1390



53.5470, -13.1070, -32.2990

Square

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



64.3540, 35.4350, 35.1390



63.9240, 40.7160, -11.0280



53.8340, -38.6000, -27.3360



59.8880, -63.9140, 1.9260

Rectangle

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



64.3540, 35.4350, 35.1390



62.3890, 53.5490, 15.2210



53.8340, -38.6000, -27.3360



60.3320, -56.8970, -9.6090

Sweetspot

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



64.3540, 35.4350, 35.1390



133.8590, 14.1190, 13.9510



52.1980, -7.9840, 34.5760



65.7610, 8.3430, 8.4950



207.0000, 0.0000, -0.0000



79.0000, -0.0000, 0.0000

Same Dimension

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



64.3540, 35.4350, 35.1390



69.3110, 55.3300, 54.5460



59.4520, 49.2380, 21.7660



57.2500, 2.2920, 2.5160



45.9250, 50.4250, 49.8250



92.6760, 101.4000, 100.6960

Inverse Universe

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



64.3540, 35.4350, 35.1390



69.3110, 55.3300, 54.5460



92.5480, -49.2380, -21.7660



57.2500, 2.2920, 2.5160



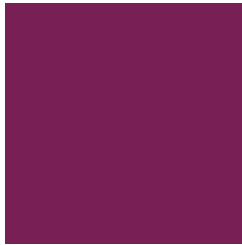
45.9250, 50.4250, 49.8250



92.6760, 101.4000, 100.6960

Previews

White Background



This preview shows how the YIQ color 64.3540, 35.4350, 35.1390 looks on a white background.

Color Contrast Check

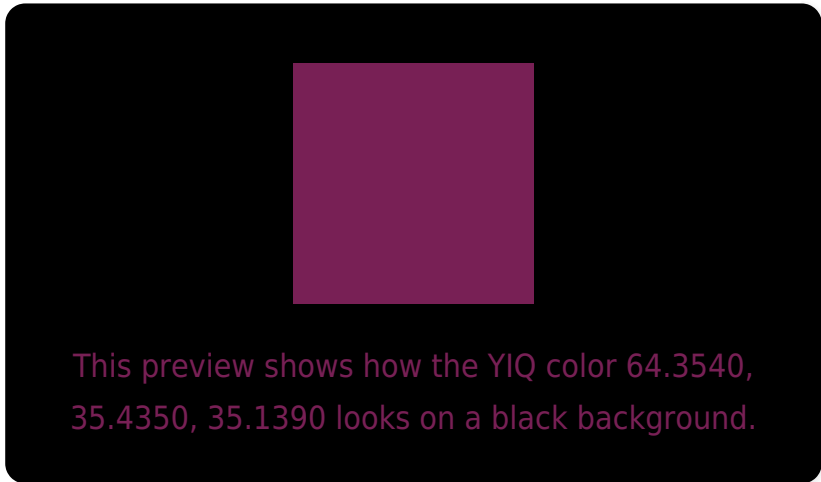
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

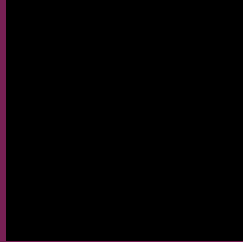
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 64.3540, 35.4350, 35.1390

Background



This preview shows how black text looks on a background with the YIQ color 64.3540, 35.4350, 35.1390.



This preview shows how white text looks on a background with the YIQ color 64.3540, 35.4350,

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

64.3540, 35.4350, 35.1390

Protanopia

67.5310, -23.0640, 10.5040

Deuteranopia

69.3790, -2.3850, 4.6790



Tritanopia

65.4680, 43.1410, 16.6210

Trichromacy



Original Color

64.3540, 35.4350, 35.1390

Protanomaly

66.3490, -1.7000, 19.8040

Deuteranomaly

67.3580, 11.2760, 15.9160

Tritanomaly

65.0150, 40.3430, 23.2790

Monochromacy



Original Color

64.3540, 35.4350, 35.1390

Achromatopsia

64.0000, -0.0000, -0.0000

Achromatomaly

63.8480, 12.6520, 13.0040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 64.3540, 35.4350, 35.1390 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(120, 32, 85)` looks like.

```
.text, #text, p{  
    color:rgb(120, 32, 85)  
}
```

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(120, 32, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 32, 85) }
```

Border

The CSS property to change the border of an element to YIQ 64.3540, 35.4350, 35.1390 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(120, 32, 85) }
```


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

```
.border{ border-color:rgb(120, 32, 85) }
```

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

Here you see how a box with a 4 pixel rgb(120, 32, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 32, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 32, 85);  
box-shadow:4px 4px 4px 4px rgb(120, 32,  
85) }
```

Background

The CSS property to change the background color of an element to YIQ 64.3540, 35.4350, 35.1390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 32, 85) }
```

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

```
.background{ background-color: rgb(120, 32,  
85) }
```

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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