Converting Colors

YIQ(75.4690, 34.5140, 57.3460)

Have a look what the booklet for YIQ(75.4690, 34.5140, 57.3460) contains.

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Color

YIQ(75.4690, 34.5140, 57.3460)

Conversions

Format	Color
Hex	901D87
RGB	144, 29, 135
RGB Percent	56%, 11%, 53%
CMY	0.4350, 0.8864, 0.4705
CMYK	0.00, 0.80, 0.06, 0.43
HSL	305°, 67%, 34%
HSV	305°, 80%, 57%
XYZ	16.3291, 8.5631, 23.7190
YIQ	75.4690, 34.5140, 57.3460

Conversions Part 1

Conversions

Conversions Part 2

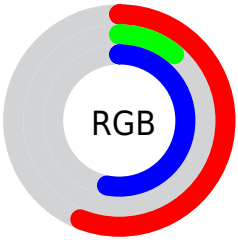
Format	Color
RYB	144, 29, 135
Decimal	9444743
CIELab	35.13, 57.57, -32.19
CIELCh	35, 65.959, 330.793
Yxy	8.5631, 0.3359, 0.1762
Android (android.graphics.Color)	4287634823 (0xFF901D87)
YUV	75.4690, 29.3488, 60.1017
Hunter-Lab	29.2628, 48.3956, -27.5736

Details

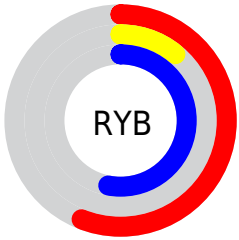
The YIQ color 75.4690, 34.5140, 57.3460 is a dark color, and the websafe version is hex 993399. A complement of this color would be 97.5310, -34.5140, -57.3460, and the grayscale version is 75.0000, -0.0000, -0.0000.

A 20% lighter version of the original color is 133.3010, 34.9270, 55.3670, and 36.3010, 25.7590, 45.3030 is the 20% darker color. If you saturate the color by 10%, you get 67.1370, 38.6850, 64.3570, and if you desaturate by 10%, it is 83.8010, 30.3430, 50.3350.

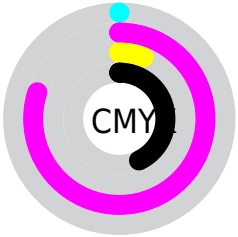
Distribution



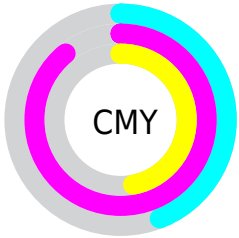
- Red (56%)
- Green (11%)
- Blue (53%)



- Red (56%)
- Yellow (11%)
- Blue (53%)



- Cyan (0%)
- Magenta (80%)
- Yellow (6%)
- Black (43%)



- Cyan (44%)
- Magenta (89%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 75.4690, 34.5140, 57.3460 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 75.4690, 34.5140, 57.3460 by changing the saturation by 10% instead.

75.4690, 34.5140, 57.3460

75.4690, 34.5140, 57.3460

255.0000, -0.0000, -0.0000

47.4090, 34.7430, 58.7030

133.3010, 34.9270, 55.3670

36.6000, 26.3550, 45.5150

161.0130, 35.7980, 56.1020

25.7910, 17.9670, 32.3270

188.1160, 34.0100, 55.4660

15.8080, 10.1290, 20.1850

205.6920, 23.1000, 43.9320

2.2970, -5.0900, 4.1420

222.7150, 15.1250, 28.7650

0.0000, 0.0000, 0.0000

239.7380, 7.1500,

13.5980

75.4690, 34.5140, 57.3460

67.1370, 38.6850, 64.3570

58.2180, 43.1310, 71.8910

75.4690, 34.5140, 57.3460

83.8010, 30.3430, 50.3350

92.7200, 25.8970, 42.8010

101.0520, 21.7260, 35.7900

110.0850, 16.9590, 28.5670

118.4170, 12.7880, 21.5560

126.7490, 8.6170, 14.5450

135.6680, 4.1710, 7.0110

144.0000, -0.0000, 0.0000

152.9190, -4.4460, -7.5340

Harmonies

Analogous

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

81.1060, -31.0920, 34.8600

75.4690, 34.5140, 57.3460

60.4060, 74.3560, 62.1640

Triad

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

75.4690, 34.5140, 57.3460

77.7460, 37.9210, -20.9510

76.5520, -72.2560, -12.0960

Complementary

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

75.4690, 34.5140, 57.3460

97.5310, -34.5140, -57.3460

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.

70.5100, -55.2430, -28.5790

75.4690, 34.5140, 57.3460

68.9320, 1.5660, -39.4100

Square

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

75.4690, 34.5140, 57.3460

76.2050, 68.0860, -0.4420

62.1370, -35.8000, -45.0480

79.2370, -83.9500, 1.6020

Rectangle

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

75.4690, 34.5140, 57.3460

56.4160, 85.5910, 51.2790

62.1370, -35.8000, -45.0480

74.6140, -66.7990, -17.3830

Sweetspot

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

75.4690, 34.5140, 57.3460

159.2430, 13.3380, 22.6020

44.5020, -32.1470, 37.4610

77.9230, 8.0670, 13.4990

222.0000, -0.0000, 0.0000

94.0000, 0.0000, 0.0000

Same Dimension

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

75.4690, 34.5140, 57.3460

79.3310, 53.7190, 89.2630

69.0850, 52.4900, 39.9300

66.8910, 1.9250, 3.6610

54.5010, 40.6560, 67.1840

3.1900, 2.5210, 3.8730

Inverse Universe

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

75.4690, 34.5140, 57.3460

79.3310, 53.7190, 89.2630

103.9150, -52.4900, -39.9300

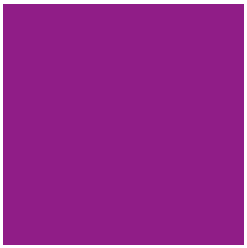
66.8910, 1.9250, 3.6610

54.5010, 40.6560, 67.1840

3.1900, 2.5210, 3.8730

Previews

White Background

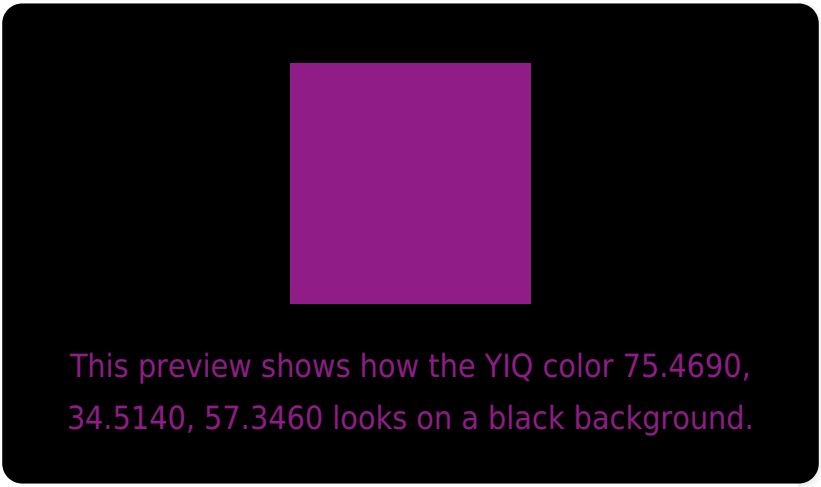


This preview shows how the YIQ color 75.4690, 34.5140, 57.3460 looks on a white background.

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

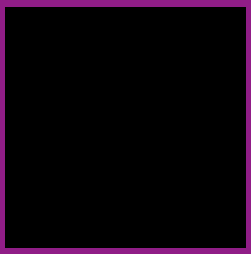


Color Contrast Check

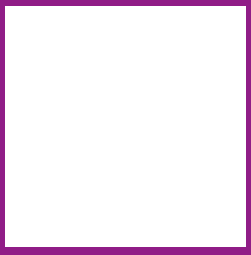
Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

YIQ 75.4690, 34.5140, 57.3460 Background



This preview shows how black text looks on a background with the YIQ color 75.4690, 34.5140, 57.3460.



This preview shows how white text looks on a background with the YIQ color 75.4690, 34.5140,

57.3460.

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
75.4690, 34.5140, 57.3460

Protanopia
67.1550, -77.4870, 11.1290

Deuteranopia
82.7370, -26.6400, 9.2320

Tritanopia
82.0770, 45.8000, 17.9920

Trichromacy

Original Color
75.4690, 34.5140, 57.3460

Protanomaly
70.0680, -37.0970, 28.0470

Deuteranomaly
80.0100, -4.8190, 26.7730

Tritanomaly
79.5950, 41.9460, 32.7780

Monochromacy

Original Color
75.4690, 34.5140, 57.3460

Achromatopsia
75.0000, -0.0000, -0.0000

Achromatomaly
75.0040, 12.5130, 21.0330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 75.4690, 34.5140, 57.3460 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(144, 29, 135) looks like.

```
.text, #text, p{
    color:rgb(144, 29, 135)
}
```

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(144, 29, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 29, 135) }
```

Border

The CSS property to change the border of an element to YIQ 75.4690, 34.5140, 57.3460 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(144, 29, 135) }
```

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

```
.border{ border-color:rgb(144, 29, 135) }
```

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

Here you see how a box with a 4 pixel rgb(144, 29, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(144, 29, 135); -webkit-box-shadow:4px 4px 4px 4px rgb(144, 29, 135); box-shadow:4px 4px 4px 4px rgb(144, 29, 135) }
```

Background

The CSS property to change the background color of an element to YIQ 75.4690, 34.5140, 57.3460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(144, 29, 135) }
```

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

```
.background{ background-color:rgb(144, 29,
135) }
```

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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