

Converting Colors

YIQ(35.2440, 3.5700, 34.4340)

Have a look what the booklet for
YIQ(35.2440, 3.5700, 34.4340)
contains.

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Color

**YIQ(35.2440, 3.5700,
34.4340)**

Conversions

Conversions Part 1

Format	Color
Hex	3C0C5A
RGB	60, 12, 90
RGB Percent	24%, 5%, 35%
CMY	0.7645, 0.9530, 0.6471
CMYK	0.33, 0.87, 0.00, 0.65
HSL	277°, 77%, 20%
HSV	277°, 87%, 35%
XYZ	3.8422, 1.9624, 9.8465
YIQ	35.2440, 3.5700, 34.4340

Conversions

Conversions Part 2

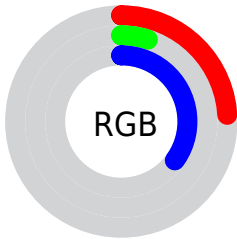
Format	Color
RYB	60, 12, 90
Decimal	3935322
CIELab	15.29, 36.73, -35.83
CIElCh	15, 51.312, 315.718
Yxy	1.9624, 0.2455, 0.1254
Android (android.graphics.Color)	4282125402 (0xFF3C0C5A)
YUV	35.2440, 26.9947, 21.7110
Hunter-Lab	14.0086, 24.4429, -31.8685

Details

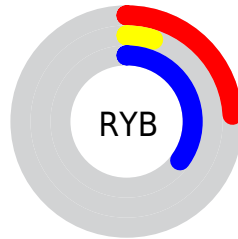
The YIQ color **35.2440, 3.5700, 34.4340** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **66.7560, -3.5700, -34.4340**, and the grayscale version is **35.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **85.0700, 4.1200, 35.4800**, and **6.3970, -10.8230, 14.4330** is the 20% darker color. If you saturate the color by 10%, you get **29.0640, 4.2570, 38.5050**, and if you desaturate by 10%, it is **41.4240, 2.8830, 30.3630**.

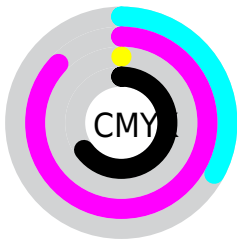
Distribution



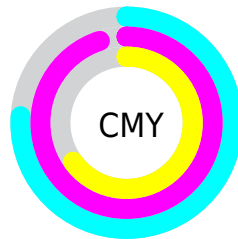
- Red (24%)
- Green (5%)
- Blue (35%)



- Red (24%)
- Yellow (5%)
- Blue (35%)



- Cyan (33%)
- Magenta (87%)
- Yellow (0%)
- Black (65%)



- Cyan (76%)
- Magenta (95%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 35.2440, 3.5700, 34.4340 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 35.2440, 3.5700, 34.4340 by changing the saturation by 10% instead.

35.2440, 3.5700,
34.4340

35.2440, 3.5700,
34.4340

250.8910, 1.9250,
3.6610

18.2880, 0.2700,
28.1580

85.0700, 4.1200,
35.4800

6.3970, -10.8230,
14.4330

110.1950, 5.2660,
36.7380

2.9810, -7.0160,
6.0080

136.7220, 5.2200,
37.5720

0.0000, 0.0000,
0.0000

163.5480, 5.7700,
38.6180

190.4880, 5.9990,
39.9750

215.9370, 14.6200,

32.4120


 233.8680, 9.9000,
18.8280


 35.2440, 3.5700,
34.4340


 35.2440, 3.5700,
34.4340

 29.0640, 4.2570,
38.5050

 41.4240, 2.8830,
30.3630

 26.7050, 3.8900,
39.6500

 47.9030, 2.7920,
26.5040

 54.0830, 2.1050,
22.4330

 60.5620, 2.0140,
18.5740

 66.7420, 1.3270,
14.5030

■ 73.2210, 1.2360,
10.6440

■ 79.4010, 0.5490,
6.5730

■ 85.8800, 0.4580,
2.7140

■ 92.0600, -0.2290,
-1.3570

Harmonies

Analogous

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



34.2590, -45.4850, 14.8590



35.2440, 3.5700, 34.4340



33.7070, 35.9390, 37.0190

Triad

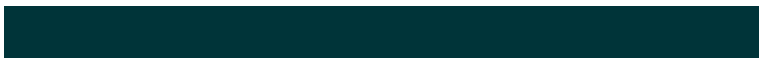
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



35.2440, 3.5700, 34.4340



36.4470, 29.2980, -2.3340



37.0220, -32.5970, -9.4690

Complementary

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



35.2440, 3.5700, 34.4340



66.7560, -3.5700, -34.4340

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.



32.1030, -20.1240, -20.7640



35.2440, 3.5700, 34.4340



34.5100, 6.6510, -15.9170

Square

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



35.2440, 3.5700, 34.4340



26.3010, 50.9810, 17.7090



28.1760, -13.2000, -25.1040



40.8980, -43.5110, 1.1050

Rectangle

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



35.2440, 3.5700, 34.4340



32.7650, 47.2190, 30.8270



28.1760, -13.2000, -25.1040



35.6540, -28.7450, -13.2010

Sweetspot

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



35.2440, 3.5700, 34.4340



96.1010, 1.6940, 13.3580



39.0890, -33.5630, 8.0450



45.7540, 1.0530, 8.4530



186.0000, -0.0000, -0.0000



59.0000, 0.0000, -0.0000

Same Dimension

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



35.2440, 3.5700, 34.4340



34.8660, 5.3550, 51.6510



43.3020, 24.0180, 38.3060



42.4670, 0.1830, 2.1910



32.8720, 5.2180, 48.6260



70.6720, 10.9390, 104.6590

Inverse Universe

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



38.7420, 36.8580, 25.8660



40.1130, 55.2870, 38.7990



58.6980, -24.0180, -38.3060



42.7230, 2.3380, 1.6820



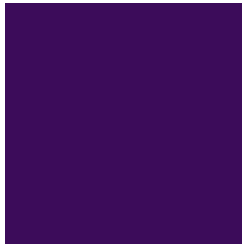
37.6780, 52.0780, 36.3820



81.2370, 112.0410, 78.5450

Previews

White Background



This preview shows how the YIQ color 35.2440, 3.5700, 34.4340 looks on a white background.

Color Contrast Check

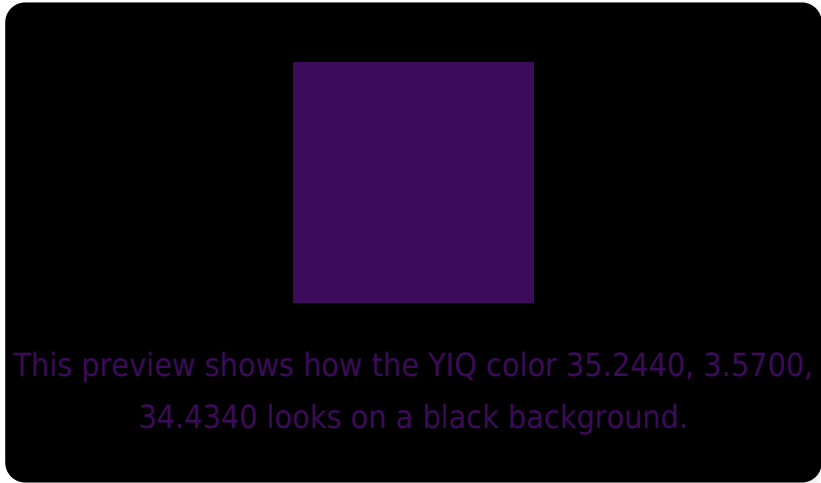
Large Text (above 18pt) WCAG AA ✓ Pass

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

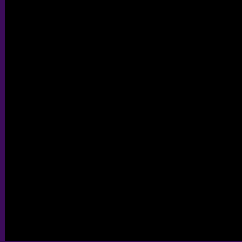
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 35.2440, 3.5700, 34.4340

Background



This preview shows how black text looks on a background with the YIQ color 35.2440, 3.5700, 34.4340.



This preview shows how white text looks on a background with the YIQ color 35.2440, 3.5700,

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

35.2440, 3.5700, 34.4340

Protanopia

32.2410, -37.0470, 5.1050

Deuteranopia

32.1610, -34.0660, 0.6380



Tritanopia

40.8270, 7.9770, 4.1130

Trichromacy



Original Color

35.2440, 3.5700, 34.4340

Protanomaly

33.2910, -22.1480, 15.9320

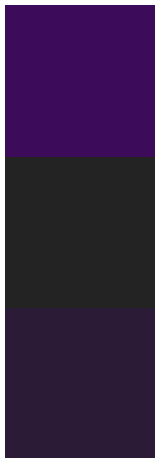
Deuteranomaly

33.0800, -20.1760, 13.2320

Tritanomaly

38.6070, 6.1410, 15.3650

Monochromacy



Original Color

35.2440, 3.5700, 34.4340

Achromatopsia

35.0000, 0.0000, 0.0000

Achromatomaly

35.2750, 1.1440, 12.3120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 35.2440, 3.5700, 34.4340 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(60, 12, 90)` looks like.

```
.text, #text, p{  
    color:rgb(60, 12, 90)  
}
```

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(60, 12, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 12, 90) }
```

Border

The CSS property to change the border of an element to YIQ 35.2440, 3.5700, 34.4340 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(60, 12, 90) }
```


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

```
.border{ border-color:rgb(60, 12, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 12, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 12, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 12, 90);  
box-shadow:4px 4px 4px 4px rgb(60, 12, 90)  
}
```

Background

The CSS property to change the background color of an element to YIQ 35.2440, 3.5700, 34.4340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 12, 90) }
```

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

```
.background{ background-color: rgb(60, 12,  
90) }
```

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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