

Converting Colors

YIQ(35.4920, 9.3440, 50.9440)

Have a look what the booklet for
YIQ(35.4920, 9.3440, 50.9440)
contains.

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Color

**YIQ(35.4920, 9.3440,
50.9440)**

Conversions

Conversions Part 1

Format	Color
Hex	4C0070
RGB	76, 0, 112
RGB Percent	30%, 0%, 44%
CMY	0.7017, 1.0000, 0.5608
CMYK	0.32, 1.00, 0.00, 0.56
HSL	281°, 100%, 22%
HSV	281°, 100%, 44%
XYZ	5.9095, 2.7087, 15.5369
YIQ	35.4920, 9.3440, 50.9440

Conversions

Conversions Part 2

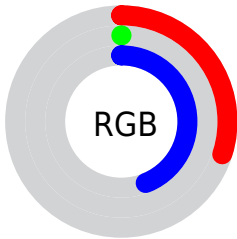
Format	Color
RYB	76, 0, 112
Decimal	4980848
CIELab	18.84, 47.92, -44.45
CIELCh	19, 65.359, 317.153
Yxy	2.7087, 0.2446, 0.1121
Android (android.graphics.Color)	4283170928 (0xFF4C0070)
YUV	35.4920, 37.7184, 35.5255
Hunter-Lab	16.4581, 35.2911, -44.4508

Details

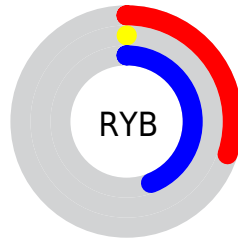
The YIQ color **35.4920, 9.3440, 50.9440** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **76.5080, -9.3440, -50.9440**, and the grayscale version is **35.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **92.0140, 7.6940, 47.8060**, and **15.2550, -4.1310, 25.3170** is the 20% darker color. If you saturate the color by 10%, you get **35.4920, 9.3440, 50.9440**, and if you desaturate by 10%, it is **43.1450, 8.7030, 46.0390**.

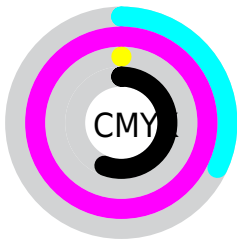
Distribution



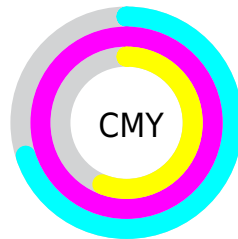
- Red (30%)
- Green (0%)
- Blue (44%)



- Red (30%)
- Yellow (0%)
- Blue (44%)



- Cyan (32%)
- Magenta (100%)
- Yellow (0%)
- Black (56%)




- Cyan (70%)
- Magenta (100%)
- Yellow (56%)


Brightness & Saturation Gradients

These gradients show how the YIQ color 35.4920, 9.3440, 50.9440 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 35.4920, 9.3440, 50.9440 by changing the saturation by 10% instead.


 35.4920, 9.3440,
50.9440


 35.4920, 9.3440,
50.9440


 252.0650, 1.3750,
2.6150

 24.8680, 1.8730,
37.6570


 92.3130, 8.2900,
48.0180


 15.2550, -4.1310,
25.3170

 118.7260, 8.5650,
48.5410


 6.3210, -13.6650,
10.8710

 145.5520, 9.1150,
49.5870

 2.6390, -6.0530,
5.0750

 172.7910, 9.9400,
51.1560

 0.0000, 0.0000,
0.0000


 198.5820, 17.5980,
44.5260

 218.0190, 17.3250,

32.9490


 235.0420, 9.3500,
17.7820

 35.4920, 9.3440,
50.9440

 43.1450, 8.7030,
46.0390

 50.4990, 7.4660,
40.9220

 58.7390, 6.5500,
35.4940

 66.0930, 5.3130,
30.3770

 73.7460, 4.6720,
25.4720

■ 81.3990, 4.0310,
20.5670

■ 88.7530, 2.7940,
15.4500

■ 96.9930, 1.8780,
10.0220

■ 104.3470, 0.6410,
4.9050

Harmonies

Analogous

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



41.7880, -57.0400, 20.5280



35.4920, 9.3440, 50.9440



42.1370, 46.7120, 45.5280

Triad

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



35.4920, 9.3440, 50.9440



43.2580, 34.2040, -3.1400



45.3030, -40.7580, -10.2460

Complementary

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



35.4920, 9.3440, 50.9440



76.5080, -9.3440, -50.9440

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.



38.3150, -23.8370, -25.0610



35.4920, 9.3440, 50.9440



39.7930, 4.1760, -20.6240

Square

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



35.4920, 9.3440, 50.9440



31.3950, 62.5800, 22.2600



34.0460, -15.9500, -30.3340



50.2050, -54.5610, 3.1270

Rectangle

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



35.4920, 9.3440, 50.9440



40.6960, 60.8350, 37.3710



34.0460, -15.9500, -30.3340



42.8920, -35.3470, -14.6990

Sweetspot

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



35.4920, 9.3440, 50.9440



115.5730, 3.4810, 19.5210



34.4870, -46.1270, 15.4810



55.4600, 2.0610, 12.2130



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.



35.4920, 9.3440, 50.9440



46.1310, 12.4590, 66.0830



44.0900, 36.8990, 52.6670



51.8800, 0.4580, 2.7140



37.8990, 9.7560, 54.4920



78.3900, 20.8410, 112.4330

Inverse Universe

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



37.5920, 55.1960, 34.9400



48.7130, 71.3330, 45.3570



67.9100, -36.8990, -52.6670



52.0220, 2.9340, 1.8940



40.2120, 59.3220, 37.2580



82.8590, 121.8530, 76.9330

Previews

White Background



This preview shows how the YIQ color 35.4920, 9.3440, 50.9440 looks on a white background.

Color Contrast Check

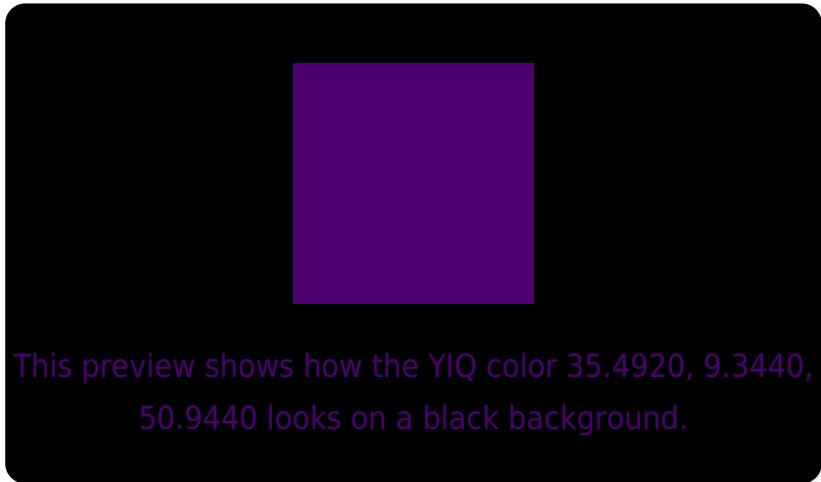
Large Text (above 18pt) WCAG AA ✓ Pass

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

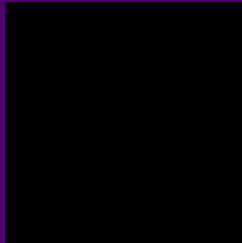
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 35.4920, 9.3440, 50.9440

Background



This preview shows how black text looks on a background with the YIQ color 35.4920, 9.3440, 50.9440.



This preview shows how white text looks on a background with the YIQ color 35.4920, 9.3440,

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

35.4920, 9.3440, 50.9440

Protanopia

39.6900, -45.6210, 6.3070

Deuteranopia

39.8550, -41.9520, 0.3840



Tritanopia

50.6210, 11.5530, 5.3850

Trichromacy



Original Color

35.4920, 9.3440, 50.9440

Protanomaly

38.5390, -25.5420, 22.3780

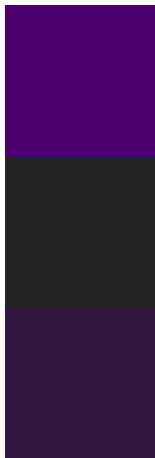
Deuteranomaly

38.1000, -22.9280, 19.0560

Tritanomaly

45.1610, 10.6330, 22.0650

Monochromacy



Original Color

35.4920, 9.3440, 50.9440

Achromatopsia

36.0000, -0.0000, 0.0000

Achromatomaly

36.0460, 3.5270, 18.6870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 35.4920, 9.3440, 50.9440 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(76, 0, 112)` looks like.

```
.text, #text, p{  
    color:rgb(76, 0, 112)  
}
```

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(76, 0, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 0, 112) }
```

Border

The CSS property to change the border of an element to YIQ 35.4920, 9.3440, 50.9440 is called "border". The border property can be set on classes, ids or directly on the HTML element.

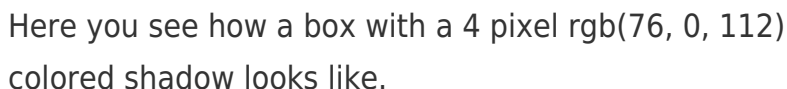
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(76, 0, 112) }
```


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

```
.border{ border-color:rgb(76, 0, 112) }
```

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



Here you see how a box with a 4 pixel `rgb(76, 0, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 0, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 0, 112);  
box-shadow:4px 4px 4px 4px rgb(76, 0, 112)  
}
```

Background

The CSS property to change the background color of an element to YIQ 35.4920, 9.3440, 50.9440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 0, 112) }
```

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

```
.background{ background-color: rgb(76, 0,  
112) }
```

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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