

Converting Colors

YIQ(47.5440, -4.4610, 75.3710)

Have a look what the booklet for
YIQ(47.5440, -4.4610, 75.3710)
contains.

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Color

**YIQ(47.5440, -4.4610,
75.3710)**

Conversions

Conversions Part 1

Format	Color
Hex	5A00B5
RGB	90, 0, 181
RGB Percent	35%, 0%, 71%
CMY	0.6467, 1.0000, 0.2904
CMYK	0.50, 1.00, 0.00, 0.29
HSL	270°, 100%, 35%
HSV	270°, 100%, 71%
XYZ	12.5609, 5.5124, 44.0964
YIQ	47.5440, -4.4610, 75.3710

Conversions

Conversions Part 2

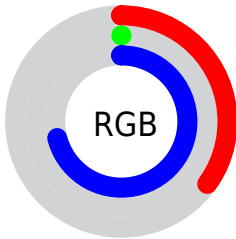
Format	Color
RYB	90, 0, 181
Decimal	5898421
CIELab	28.15, 64.39, -71.86
CIElCh	28, 96.485, 311.864
Yxy	5.5124, 0.2020, 0.0887
Android (android.graphics.Color)	4284088501 (0xFF5A00B5)
YUV	47.5440, 65.7938, 37.2339
Hunter-Lab	23.4785, 54.4097, -94.9213

Details

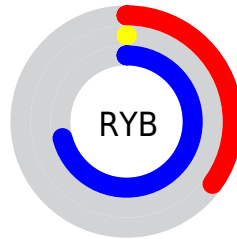
The YIQ color **47.5440, -4.4610, 75.3710** is a dark color, and the websafe version is hex **6600CC**. A complement of this color would be **133.4560, 4.4610, -75.3710**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.4850, -5.9730, 69.7310**, and **18.9630, -31.8270, 42.6770** is the 20% darker color. If you saturate the color by 10%, you get **47.5440, -4.4610, 75.3710**, and if you desaturate by 10%, it is **60.8010, -4.0470, 67.8650**.

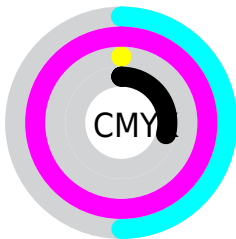
Distribution



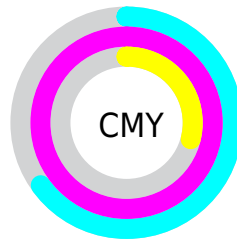
- Red (35%)
- Green (0%)
- Blue (71%)



- Red (35%)
- Yellow (0%)
- Blue (71%)



- Cyan (50%)
- Magenta (100%)
- Yellow (0%)
- Black (29%)



- Cyan (65%)
- Magenta (100%)
- Yellow (29%)
- Black (6%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 47.5440, -4.4610, 75.3710 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 47.5440, -4.4610, 75.3710 by changing the saturation by 10% instead.

47.5440, -4.4610,
75.3710

47.5440, -4.4610,
75.3710

255.0000, -0.0000,
-0.0000

34.7840, -14.5450,
59.8790

112.4850, -5.9730,
69.7310

18.9630, -31.8270,
42.6770

138.9430, -1.5710,
67.0450

11.5140, -32.4210,
31.4110

163.7620, 8.8840,
59.2840

8.5500, -24.0750,
23.3250

189.4670, 19.6600,
51.2120

8.2760, -17.7920,
14.0800

210.3880, 20.9000,
39.7480

4.5940, -10.1800,
8.2840

227.4110, 12.9250,

0.0000, 0.0000,

24.5810

0.0000

■ 244.4340, 4.9500,
9.4140

■ 47.5440, -4.4610,
75.3710

■ 60.8010, -4.0470,
67.8650

■ 74.0580, -3.6330,
60.3590

■ 87.3150, -3.2190,
52.8530

■ 100.5720, -2.8050,
45.3470

■ 114.1280, -1.7950,
38.0530

■ 127.9720, -1.6560,
30.0240

■ 141.2290, -1.2420,
22.5180

■ 154.4860, -0.8280,
15.0120

■ 167.7430, -0.4140,
7.5060

Harmonies

Analogous

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



66.6430, -89.8240, 30.9760



47.5440, -4.4610, 75.3710



63.0430, 62.6170, 71.1690

Triad

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



47.5440, -4.4610, 75.3710



60.2240, 57.9070, 2.3150



63.7740, -55.5660, -17.2140

Complementary

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



47.5440, -4.4610, 75.3710



133.4560, 4.4610, -75.3710

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.



52.9100, -27.7310, -42.6030



47.5440, -4.4610, 75.3710



58.9970, 12.1090, -26.7310

Square

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



47.5440, -4.4610, 75.3710



48.4380, 96.5520, 34.3440



49.3080, -23.1000, -43.9320



73.0420, -78.9070, 3.8210

Rectangle

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



47.5440, -4.4610, 75.3710



61.9420, 87.2860, 59.1100



49.3080, -23.1000, -43.9320



60.2230, -46.9450, -24.7770

Sweetspot

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



47.5440, -4.4610, 75.3710



182.5590, -1.9310, 29.5010



75.2250, -83.6760, 7.6520



86.0670, -0.9660, 17.5140



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



47.5440, -4.4610, 75.3710



61.7730, -5.7030, 97.8890



73.8560, 47.9870, 94.0270



82.5210, 0.0910, 3.8590



40.1660, -3.8170, 63.6950



6.8510, -0.5980, 10.8420

Inverse Universe

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



64.4930, 78.6650, 66.6730



83.7170, 102.1820, 86.5180



107.1440, -47.9870, -94.0270



83.2610, 3.7590, 3.4630



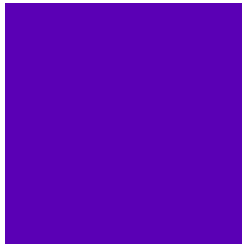
54.5250, 66.4710, 56.3830



9.2560, 11.3230, 9.5550

Previews

White Background



This preview shows how the YIQ color 47.5440, -4.4610, 75.3710 looks on a white background.

Color Contrast Check

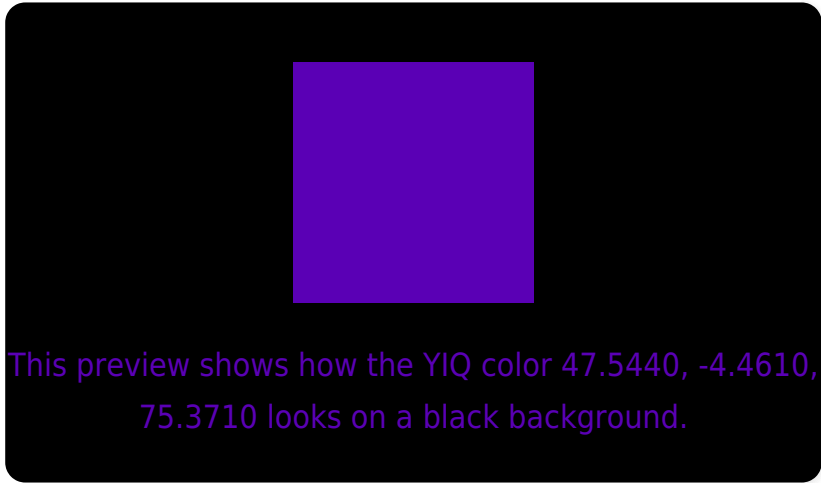
Large Text (above 18pt) WCAG AA ✓ Pass

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

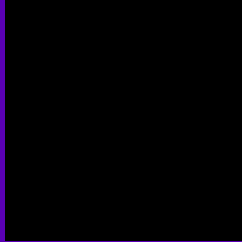
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 47.5440, -4.4610, 75.3710

Background



This preview shows how black text looks on a background with the YIQ color 47.5440, -4.4610, 75.3710.



This preview shows how white text looks on a background with the YIQ color 47.5440, -4.4610,

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

47.5440, -4.4610, 75.3710

Protanopia

55.2890, -63.3650, 8.4990

Deuteranopia

55.3570, -58.0450, 0.1870



Tritanopia

67.6940, -7.8860, -0.2540

Trichromacy



Original Color

47.5440, -4.4610, 75.3710

Protanomaly

52.7780, -41.9120, 32.7120

Deuteranomaly

52.4700, -38.2890, 27.6230

Tritanomaly

60.6400, -6.6530, 26.9710

Monochromacy



Original Color

47.5440, -4.4610, 75.3710

Achromatopsia

48.0000, -0.0000, 0.0000

Achromatomaly

47.9780, -1.7930, 26.9990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 47.5440, -4.4610, 75.3710 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(90, 0, 181)` looks like.

```
.text, #text, p{  
    color:rgb(90, 0, 181)  
}
```

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(90, 0, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 0, 181) }
```

Border

The CSS property to change the border of an element to YIQ 47.5440, -4.4610, 75.3710 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(90, 0, 181) }
```


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

```
.border{ border-color:rgb(90, 0, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 0, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 0, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 0, 181);  
box-shadow:4px 4px 4px 4px rgb(90, 0, 181)  
}
```

Background

The CSS property to change the background color of an element to YIQ 47.5440, -4.4610, 75.3710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 0, 181) }
```

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

```
.background{ background-color: rgb(90, 0,  
181) }
```

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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