

Converting Colors

YIQ(44.5370, 5.4440, 66.5640)

Have a look what the booklet for
YIQ(44.5370, 5.4440, 66.5640)
contains.

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Color

**YIQ(44.5370, 5.4440,
66.5640)**

Conversions

Conversions Part 1

Format	Color
Hex	5B0098
RGB	91, 0, 152
RGB Percent	36%, 0%, 60%
CMY	0.6428, 1.0000, 0.4040
CMYK	0.40, 1.00, 0.00, 0.40
HSL	276°, 100%, 30%
HSV	276°, 100%, 60%
XYZ	9.9877, 4.4944, 30.0363
YIQ	44.5370, 5.4440, 66.5640

Conversions

Conversions Part 2

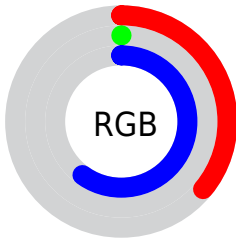
Format	Color
R_{YB}	91, 0, 152
Decimal	5963928
CIE _{Lab}	25.24, 58.18, -59.09
CIE _{LCh}	25, 82.919, 314.555
Yxy	4.4944, 0.2243, 0.1010
Android (android.graphics.Color)	4284154008 (0xFF5B0098)
YUV	44.5370, 52.9793, 40.7481
Hunter-Lab	21.1999, 46.9949, -69.1628

Details

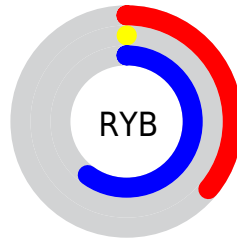
The YIQ color **44.5370, 5.4440, 66.5640** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **107.4630, -5.4440, -66.5640**, and the grayscale version is **44.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **106.5920, 3.6110, 61.2350**, and **20.9680, -13.0280, 37.8840** is the 20% darker color. If you saturate the color by 10%, you get **44.5370, 5.4440, 66.5640**, and if you desaturate by 10%, it is **55.1360, 4.8950, 59.9910**.

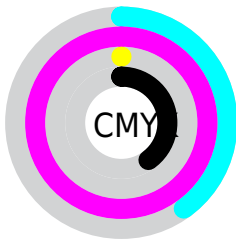
Distribution



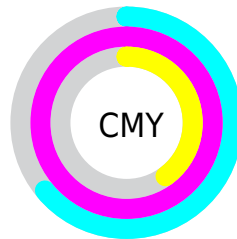
- Red (36%)
- Green (0%)
- Blue (60%)



- Red (36%)
- Yellow (0%)
- Blue (60%)



- Cyan (40%)
- Magenta (100%)
- Yellow (0%)
- Black (40%)



- Cyan (64%)
- Magenta (100%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 44.5370, 5.4440, 66.5640 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 44.5370, 5.4440, 66.5640 by changing the saturation by 10% instead.

44.5370, 5.4440,
66.5640

44.5370, 5.4440,
66.5640

255.0000, -0.0000,
-0.0000

32.7880, -3.1730,
52.0190

106.5920, 3.6110,
61.2350

20.9680, -13.0280,
37.8840

134.1190, 3.5650,
62.0690

8.5500, -24.0750,
23.3250

160.8050, 7.3250,
60.0050

8.1620, -17.4710,
13.7690

185.6240, 17.7800,
52.2440

4.4800, -9.8590,
7.9730


208.0400, 22.0000,
41.8400


0.0000, 0.0000,
0.0000

224.4760, 14.3000,


27.1960


 241.4990, 6.3250,
12.0290


 44.5370, 5.4440,
66.5640

 55.1360, 4.8950,
59.9910

 65.7350, 4.3460,
53.4180

 76.9210, 3.5220,
46.3220

 87.5200, 2.9730,
39.7490

 98.4180, 3.0200,
33.3880

■ 109.0170, 2.4710,
26.8150

■ 119.6160, 1.9220,
20.2420

■ 130.8020, 1.0980,
13.1460

■ 141.4010, 0.5490,
6.5730

Harmonies

Analogous

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



57.0110, -76.4810, 25.9430



44.5370, 5.4440, 66.5640



55.0820, 57.7130, 60.9210

Triad

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



44.5370, 5.4440, 66.5640



55.7280, 47.5000, -1.8120



57.8070, -51.1650, -14.3730

Complementary

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



44.5370, 5.4440, 66.5640



107.4630, -5.4440, -66.5640

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.



48.8810, -28.7870, -34.4750



44.5370, 5.4440, 66.5640



52.7840, 8.3950, -25.5010

Square

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



44.5370, 5.4440, 66.5640



41.5610, 82.8440, 29.4680



44.6120, -20.9000, -39.7480



65.1200, -70.3790, 3.4530

Rectangle

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



44.5370, 5.4440, 66.5640



53.6970, 77.4300, 50.5020



44.6120, -20.9000, -39.7480



54.7120, -43.8280, -20.6920

Sweetspot

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



44.5370, 5.4440, 66.5640



154.4900, 2.5170, 25.9810



54.3090, -66.1170, 14.3230



74.2690, 1.2810, 15.3370



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000

Same Dimension

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



44.5370, 5.4440, 66.5640



57.6260, 7.4120, 85.9720



61.2940, 45.9730, 75.4530



71.1080, -0.1840, 3.3360



41.0760, 5.1240, 61.3480



3.8740, 0.5950, 5.7390

Inverse Universe

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



52.4020, 71.0110, 51.1950



67.6100, 91.4570, 66.1210



90.7060, -45.9730, -75.4530



71.7340, 3.8050, 2.6290



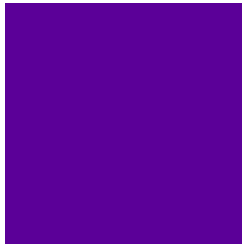
48.2440, 65.4640, 47.0960



4.4570, 6.1430, 4.3110

Previews

White Background



This preview shows how the YIQ color 44.5370, 5.4440, 66.5640 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



This preview shows how the YIQ color 44.5370, 5.4440, 66.5640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

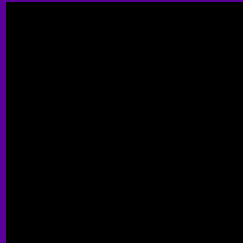
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 44.5370, 5.4440, 66.5640

Background



This preview shows how black text looks on a background with the YIQ color 44.5370, 5.4440, 66.5640.



This preview shows how white text looks on a background with the YIQ color 44.5370, 5.4440,

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

44.5370, 5.4440, 66.5640

Protanopia

50.3990, -57.8630, 7.9050

Deuteranopia

50.6950, -53.1850, 0.2150



Tritanopia

63.4570, 6.1430, 4.3110

Trichromacy



Original Color

44.5370, 5.4440, 66.5640

Protanomaly

48.3780, -35.0340, 29.2060

Deuteranomaly

48.1840, -31.7320, 24.4280

Tritanomaly

56.8710, 5.8180, 26.7300

Monochromacy



Original Color

44.5370, 5.4440, 66.5640

Achromatopsia

45.0000, -0.0000, -0.0000

Achromatomaly

45.1370, 2.0130, 24.1010

CSS Examples

Text

The CSS property to change the color of the text to YIQ 44.5370, 5.4440, 66.5640 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(91, 0, 152)` looks like.

```
.text, #text, p{  
    color:rgb(91, 0, 152)  
}
```

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(91, 0, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 0, 152) }
```

Border

The CSS property to change the border of an element to YIQ 44.5370, 5.4440, 66.5640 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(91, 0, 152) }
```


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

```
.border{ border-color:rgb(91, 0, 152) }
```

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

Here you see how a box with a 4 pixel rgb(91, 0, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 0, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 0, 152);  
box-shadow:4px 4px 4px 4px rgb(91, 0, 152)  
}
```

Background

The CSS property to change the background color of an element to YIQ 44.5370, 5.4440, 66.5640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 0, 152) }
```

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

```
.background{ background-color: rgb(91, 0,  
152) }
```

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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