

Converting Colors

YIQ(72.9340, 1.5070, 33.2750)

Have a look what the booklet for
YIQ(72.9340, 1.5070, 33.2750)
contains.

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Color

**YIQ(72.9340, 1.5070,
33.2750)**

Conversions

Conversions Part 1

Format	Color
Hex	5F3380
RGB	95, 51, 128
RGB Percent	37%, 20%, 50%
CMY	0.6273, 0.8001, 0.4981
CMYK	0.26, 0.60, 0.00, 0.50
HSL	274°, 43%, 35%
HSV	274°, 60%, 50%
XYZ	9.8018, 6.3592, 21.1282
YIQ	72.9340, 1.5070, 33.2750

Conversions

Conversions Part 2

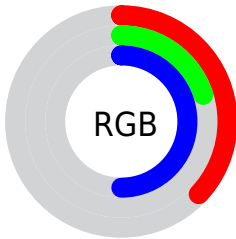
Format	Color
R_{YB}	95, 51, 128
Decimal	6239104
CIE _{Lab}	30.30, 34.90, -35.96
CIE _{LCh}	30, 50.109, 314.143
Yxy	6.3592, 0.2629, 0.1705
Android (android.graphics.Color)	4284429184 (0xFF5F3380)
YUV	72.9340, 27.1475, 19.3519
Hunter-Lab	25.2174, 25.2507, -32.0234

Details

The YIQ color **72.9340, 1.5070, 33.2750** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **106.0660, -1.5070, -33.2750**, and the grayscale version is **73.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **123.5860, 2.6070, 35.3670**, and **24.1080, 0.9570, 32.2290** is the 20% darker color. If you saturate the color by 10%, you get **63.8080, 2.1020, 39.0140**, and if you desaturate by 10%, it is **82.3590, 1.5080, 27.7480**.

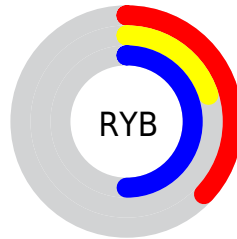
Distribution



Red (37%)

Green (20%)

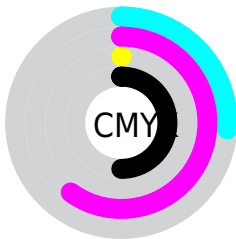
Blue (50%)



Red (37%)

Yellow (20%)

Blue (50%)

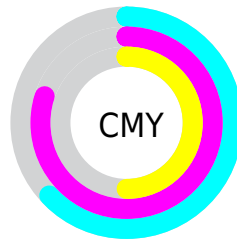


Cyan (26%)

Magenta (60%)

Yellow (0%)

Black (50%)



Cyan (63%)

Magenta (80%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 72.9340, 1.5070, 33.2750 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 72.9340, 1.5070, 33.2750 by changing the saturation by 10% instead.

72.9340, 1.5070,
33.2750

72.9340, 1.5070,
33.2750

255.0000, -0.0000,
-0.0000

48.5210, 1.2320,
32.7520

123.5860, 2.6070,
35.3670

24.1080, 0.9570,
32.2290

149.5260, 2.8360,
36.7240

14.0440, -2.1590,
22.6170

177.0530, 2.7900,
37.5580

4.8220, -10.8220,
8.9060

203.5110, 7.1920,
34.8720

0.5700, -1.6050,
1.5550

226.2370, 13.4750,
25.6270

0.0000, 0.0000,
0.0000

243.2600, 5.5000,

10.4600

■ 72.9340, 1.5070,
33.2750

■ 72.9340, 1.5070,
33.2750

■ 63.8080, 2.1020,
39.0140

■ 82.3590, 1.5080,
27.7480

■ 54.3830, 2.1010,
44.5410

■ 91.4850, 0.9130,
22.0090

■ 45.8440, 2.4210,
49.7570

■ 100.0240, 0.5930,
16.7930

■ 36.4190, 2.4200,
55.2840

■ 109.4490, 0.5940,
11.2660

■ 118.5750, -0.0010,
5.5270

■ 128.0000, -0.0000,
-0.0000

■ 137.1260, -0.5950,
-5.7390

■ 145.9640, -0.3190,
-10.7430

■ 155.0900, -0.9140,
-16.4820

Harmonies

Analogous

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



57.9620, -66.7580, 9.4180



72.9340, 1.5070, 33.2750



66.0220, 39.6060, 42.1500

Triad

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



72.9340, 1.5070, 33.2750



67.7890, 45.5300, -10.1660



61.8020, -52.7690, -18.3450

Complementary

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



72.9340, 1.5070, 33.2750



106.0660, -1.5070, -33.2750

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.



56.5410, -39.3330, -30.5730



72.9340, 1.5070, 33.2750



65.2540, 21.6910, -24.1730

Square

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



72.9340, 1.5070, 33.2750



65.1630, 59.8770, 10.6690



54.8580, -12.7850, -38.1370



65.3190, -64.0500, -6.6260

Rectangle

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



72.9340, 1.5070, 33.2750



61.3410, 54.6450, 39.4210



54.8580, -12.7850, -38.1370



60.3200, -48.5960, -22.3880

Sweetspot

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



72.9340, 1.5070, 33.2750



144.5030, 0.5020, 12.9340



79.1490, -33.7920, 6.6880



71.0420, 0.1820, 7.7180



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

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



72.9340, 1.5070, 33.2750



80.3110, 2.6040, 51.9480



82.2310, 22.7800, 38.7160



58.9940, 0.1370, 3.0250



36.4190, 2.4200, 55.2840



0.0000, 0.0000, 0.0000

Inverse Universe

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



77.7850, 35.2990, 26.5870



87.6940, 55.1490, 41.3010



96.7690, -22.7800, -38.7160



59.4350, 3.2090, 2.4170



44.5420, 58.6330, 44.2410



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 72.9340, 1.5070, 33.2750 looks on a white background.

Color Contrast Check

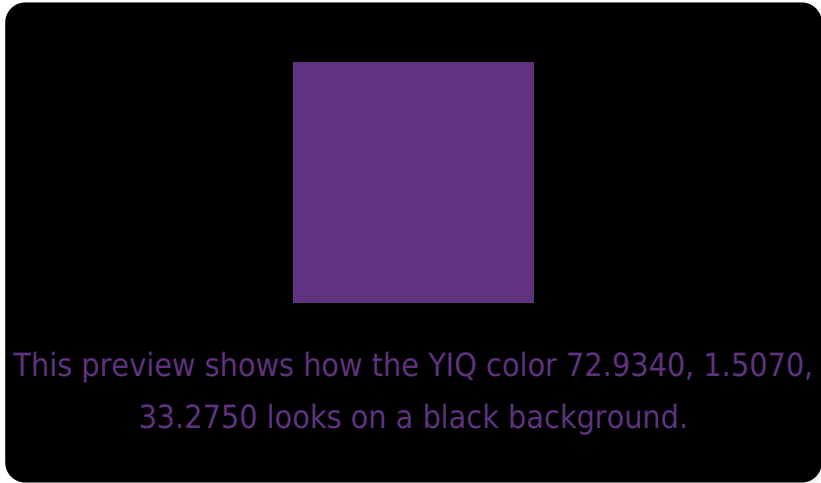
Large Text (above 18pt) WCAG AA ✓ Pass

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

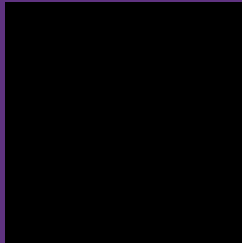
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 72.9340, 1.5070, 33.2750

Background



This preview shows how black text looks on a background with the YIQ color 72.9340, 1.5070, 33.2750.



This preview shows how white text looks on a background with the YIQ color 72.9340, 1.5070,

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

72.9340, 1.5070, 33.2750

Protanopia

59.6530, -61.3940, 11.3260

Deuteranopia

66.5550, -40.8070, 7.1690



Tritanopia

72.9520, 9.1230, 5.3710

Trichromacy



Original Color

72.9340, 1.5070, 33.2750

Protanomaly

64.3140, -38.1500, 19.5940

Deuteranomaly

68.8500, -25.2200, 16.5400

Tritanomaly

72.9060, 6.7370, 15.5770

Monochromacy



Original Color

72.9340, 1.5070, 33.2750

Achromatopsia

73.0000, -0.0000, -0.0000

Achromatomaly

72.9760, 0.5480, 12.1000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 72.9340, 1.5070, 33.2750 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(95, 51, 128)` looks like.

```
.text, #text, p{  
    color:rgb(95, 51, 128)  
}
```

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(95, 51, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 51, 128) }
```

Border

The CSS property to change the border of an element to YIQ 72.9340, 1.5070, 33.2750 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(95, 51, 128) }
```


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

```
.border{ border-color:rgb(95, 51, 128) }
```

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

Here you see how a box with a 4 pixel rgb(95, 51, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 51, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 51, 128);  
box-shadow:4px 4px 4px 4px rgb(95, 51,  
128) }
```

Background

The CSS property to change the background color of an element to YIQ 72.9340, 1.5070, 33.2750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 51, 128) }
```

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

```
.background{ background-color: rgb(95, 51,  
128) }
```

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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