

Converting Colors

YIQ(62.3040, 40.0130, 73.3330)

Have a look what the booklet for
YIQ(62.3040, 40.0130, 73.3330)
contains.

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Color

**YIQ(62.3040, 40.0130,
73.3330)**

Conversions

Conversions Part 1

Format	Color
Hex	92048F
RGB	146, 4, 143
RGB Percent	57%, 2%, 56%
CMY	0.4270, 0.9845, 0.4392
CMYK	0.00, 0.97, 0.02, 0.43
HSL	301°, 95%, 29%
HSV	301°, 97%, 57%
XYZ	16.8750, 8.1900, 26.6832
YIQ	62.3040, 40.0130, 73.3330

Conversions

Conversions Part 2

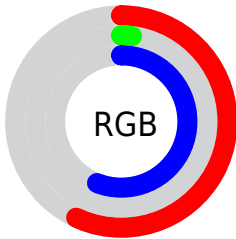
Format	Color
R_{YB}	146, 4, 143
Decimal	9569423
CIE _{Lab}	34.38, 63.88, -38.30
CIE _{LCh}	34, 74.487, 329.055
Yxy	8.1900, 0.3261, 0.1583
Android (android.graphics.Color)	4287759503 (0xFF92048F)
YUV	62.3040, 39.7831, 73.4014
Hunter-Lab	28.6182, 55.1723, -35.2484

Details

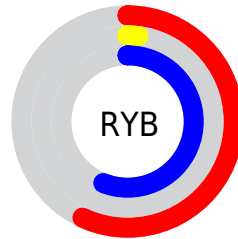
The YIQ color **62.3040, 40.0130, 73.3330** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **87.6960, -40.0130, -73.3330**, and the grayscale version is **62.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **128.9410, 36.3010, 63.5090**, and **37.6970, 24.7040, 47.9040** is the 20% darker color. If you saturate the color by 10%, you get **59.9560, 41.1130, 75.4250**, and if you desaturate by 10%, it is **71.1090, 35.8880, 65.4880**.

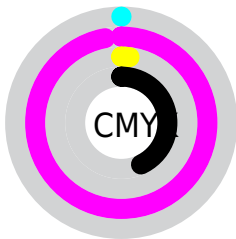
Distribution



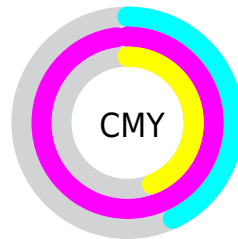
- Red (57%)
- Green (2%)
- Blue (56%)



- Red (57%)
- Yellow (2%)
- Blue (56%)



- Cyan (0%)
- Magenta (97%)
- Yellow (2%)
- Black (43%)



- Cyan (43%)
- Magenta (98%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 62.3040, 40.0130, 73.3330 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 62.3040, 40.0130, 73.3330 by changing the saturation by 10% instead.

62.3040, 40.0130,
73.3330

62.3040, 40.0130,
73.3330

255.0000, -0.0000,
-0.0000

48.6200, 32.7710,
61.4030

129.2400, 36.8970,
63.7210

37.6970, 24.7040,
47.9040

158.2400, 36.8970,
63.7210

26.8880, 16.3160,
34.7160

184.4460, 33.3210,
62.4490

16.4920, 8.2030,
22.0510

200.9960, 25.3000,
48.1160

3.2090, -7.6580,
6.6300

218.0190, 17.3250,
32.9490

0.0000, 0.0000,
0.0000

235.0420, 9.3500,

17.7820

252.0650, 1.3750,
2.6150

62.3040, 40.0130,
73.3330

62.3040, 40.0130,
73.3330

59.9560, 41.1130,
75.4250

71.1090, 35.8880,
65.4880

79.4410, 31.7170,
58.4770

88.2460, 27.5920,
50.6320

96.4640, 23.7420,
43.3100

105.3830, 19.2960,
35.7760

■ 114.1880, 15.1710,
27.9310

■ 122.4060, 11.3210,
20.6090

■ 131.3250, 6.8750,
13.0750

■ 139.5430, 3.0250,
5.7530

Harmonies

Analogous

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



76.2060, -45.9930, 35.0870



62.3040, 40.0130, 73.3330



62.7270, 77.8860, 64.2700

Triad

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



62.3040, 40.0130, 73.3330



75.9850, 38.7460, -19.3820



76.7800, -72.8980, -11.4740

Complementary

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



62.3040, 40.0130, 73.3330



87.6960, -40.0130, -73.3330

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.



69.2390, -53.0420, -29.9220



62.3040, 40.0130, 73.3330



66.2520, -2.3310, -40.3710

Square

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



62.3040, 40.0130, 73.3330



72.1180, 72.9450, 5.1130



59.1560, -28.7840, -51.0560



80.2630, -86.8390, 4.4010

Rectangle

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



62.3040, 40.0130, 73.3330



58.5800, 91.0010, 52.3530



59.1560, -28.7840, -51.0560



74.5000, -66.4780, -17.6940

Sweetspot

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



62.3040, 40.0130, 73.3330



156.6010, 15.4460, 28.4540



20.7860, -44.3900, 44.5860



74.6290, 9.0750, 17.2590



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



62.3040, 40.0130, 73.3330



77.6010, 53.2590, 97.6030



54.3240, 62.4830, 51.5630



69.8910, 1.9250, 3.6610



56.6520, 38.9130, 71.2410



4.1300, 2.7500, 5.2300

Inverse Universe

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



62.3040, 40.0130, 73.3330



77.6010, 53.2590, 97.6030



95.6760, -62.4830, -51.5630



69.8910, 1.9250, 3.6610



56.6520, 38.9130, 71.2410



4.1300, 2.7500, 5.2300

Previews

White Background



This preview shows how the YIQ color 62.3040, 40.0130, 73.3330 looks on a white background.

Color Contrast Check

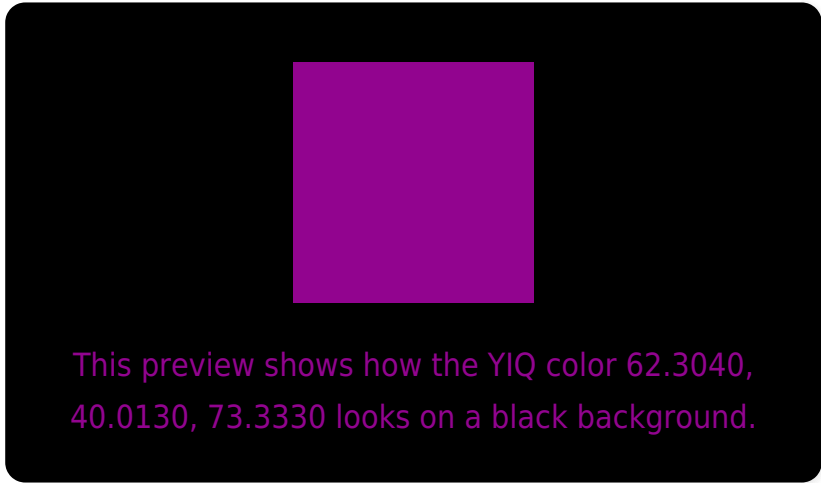
Large Text (above 18pt) WCAG AA ✓ Pass

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

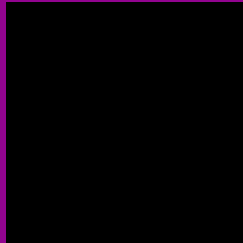
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 62.3040, 40.0130, 73.3330

Background



This preview shows how black text looks on a background with the YIQ color 62.3040, 40.0130, 73.3330.



This preview shows how white text looks on a background with the YIQ color 62.3040, 40.0130,

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

62.3040, 40.0130, 73.3330

Protanopia

66.3400, -76.5700, 11.0300

Deuteranopia

80.4310, -34.5260, 8.9780



Tritanopia

80.6750, 46.9920, 18.4160

Trichromacy



Original Color

62.3040, 40.0130, 73.3330

Protanomaly

64.6110, -34.0720, 33.8000

Deuteranomaly

73.9160, -7.2500, 32.2860

Tritanomaly

73.8390, 44.3750, 38.3190

Monochromacy



Original Color

62.3040, 40.0130, 73.3330

Achromatopsia

62.0000, -0.0000, -0.0000

Achromatomaly

62.2480, 14.9420, 26.5740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 62.3040, 40.0130, 73.3330 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(146, 4, 143)` looks like.

```
.text, #text, p{  
    color:rgb(146, 4, 143)  
}
```

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(146, 4, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 4, 143) }
```

Border

The CSS property to change the border of an element to YIQ 62.3040, 40.0130, 73.3330 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(146, 4, 143) }
```


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

```
.border{ border-color:rgb(146, 4, 143) }
```

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

Here you see how a box with a 4 pixel rgb(146, 4, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 4, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 4, 143);  
box-shadow:4px 4px 4px 4px rgb(146, 4,  
143) }
```

Background

The CSS property to change the background color of an element to YIQ 62.3040, 40.0130, 73.3330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 4, 143) }
```

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

```
.background{ background-color: rgb(146, 4,  
143) }
```

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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