

Converting Colors

YIQ(74.5070, 40.5190, 64.1590)

Have a look what the booklet for
YIQ(74.5070, 40.5190, 64.1590)
contains.

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Color

**YIQ(74.5070, 40.5190,
64.1590)**

Conversions

Conversions Part 1

Format	Color
Hex	99168B
RGB	153, 22, 139
RGB Percent	60%, 9%, 55%
CMY	0.3996, 0.9139, 0.4548
CMYK	0.00, 0.86, 0.09, 0.40
HSL	306°, 75%, 34%
HSV	306°, 86%, 60%
XYZ	18.1028, 9.2182, 25.2581
YIQ	74.5070, 40.5190, 64.1590

Conversions

Conversions Part 2

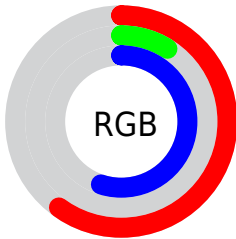
Format	Color
R_{YB}	153, 22, 139
Decimal	10032779
CIE Lab	36.40, 61.81, -32.54
CIE LCh	36, 69.854, 332.234
Yxy	9.2182, 0.3443, 0.1753
Android (android.graphics.Color)	4288222859 (0xFF99168B)
YUV	74.5070, 31.7950, 68.8384
Hunter-Lab	30.3615, 53.2965, -28.0712

Details

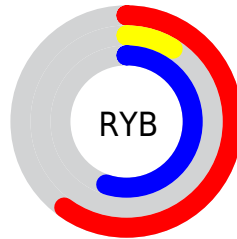
The YIQ color **74.5070, 40.5190, 64.1590** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **100.4930, -40.5190, -64.1590**, and the grayscale version is **74.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **135.5730, 40.1530, 59.7770**, and **39.3340, 30.1600, 48.1440** is the 20% darker color. If you saturate the color by 10%, you get **65.4740, 45.2860, 71.3820**, and if you desaturate by 10%, it is **83.5400, 35.7520, 56.9360**.

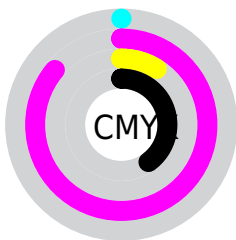
Distribution



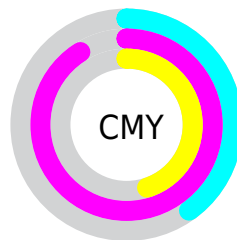
- Red (60%)
- Green (9%)
- Blue (55%)



- Red (60%)
- Yellow (9%)
- Blue (55%)



- Cyan (0%)
- Magenta (86%)
- Yellow (9%)
- Black (40%)



- Cyan (40%)
- Magenta (91%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 74.5070, 40.5190, 64.1590 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 74.5070, 40.5190, 64.1590 by changing the saturation by 10% instead.

■ 74.5070, 40.5190,
64.1590

■ 74.5070, 40.5190,
64.1590

■ 255.0000, -0.0000,
-0.0000

■ 50.2570, 38.2270,
61.6430

■ 135.5730, 40.1530,
59.7770

■ 39.3340, 30.1600,
48.1440

■ 163.8720, 40.7490,
59.9890

■ 28.6390, 21.4510,
35.2670

■ 188.0990, 32.6800,
57.5440

■ 18.5420, 13.9340,
22.8140

■ 205.1050, 23.3750,
44.4550

■ 2.2800, -6.4200,
6.2200

■ 222.1280, 15.4000,
29.2880

■ 0.0000, 0.0000,
0.0000

■ 239.1510, 7.4250,

14.1210

■ 74.5070, 40.5190,
64.1590

■ 74.5070, 40.5190,
64.1590

■ 65.4740, 45.2860,
71.3820

■ 83.5400, 35.7520,
56.9360

■ 61.3650, 47.2110,
75.0430

■ 93.0460, 31.0310,
48.8790

■ 102.0790, 26.2640,
41.6560

■ 111.1120, 21.4970,
34.4330

■ 120.6180, 16.7760,
26.3760

■ 129.6510, 12.0090,
19.1530

■ 138.6840, 7.2420,
11.9300

■ 147.6030, 2.7960,
4.3960

■ 157.2230, -2.2460,
-3.3500

Harmonies

Analogous

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



84.5840, -29.4420, 37.9980



74.5070, 40.5190, 64.1590



63.0970, 79.7200, 64.0720

Triad

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



74.5070, 40.5190, 64.1590



80.3930, 37.4170, -22.8310



79.9260, -76.2450, -11.3890

Complementary

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



74.5070, 40.5190, 64.1590



100.4930, -40.5190, -64.1590

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.



73.5420, -58.2690, -28.8050



74.5070, 40.5190, 64.1590



70.3720, -2.7890, -43.0850

Square

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



74.5070, 40.5190, 64.1590



78.5750, 69.9200, -0.6400



64.7130, -37.5420, -46.5180



82.2520, -88.3060, 3.4540

Rectangle

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



74.5070, 40.5190, 64.1590



58.6940, 90.6800, 52.6640



64.7130, -37.5420, -46.5180



77.8740, -70.4670, -16.9870

Sweetspot

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



74.5070, 40.5190, 64.1590



167.7920, 16.2260, 25.3300



40.8210, -34.3030, 43.4970



81.0480, 9.2130, 14.7570



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.



74.5070, 40.5190, 64.1590



79.7930, 61.4660, 97.5460



67.0970, 61.3840, 43.9440



72.1900, 2.5210, 3.8730



56.1100, 43.3150, 68.5550



5.1410, 4.2170, 6.1770

Inverse Universe

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



74.5070, 40.5190, 64.1590



79.7930, 61.4660, 97.5460



107.9030, -61.3840, -43.9440



72.1900, 2.5210, 3.8730



56.1100, 43.3150, 68.5550



5.1410, 4.2170, 6.1770

Previews

White Background



This preview shows how the YIQ color 74.5070, 40.5190, 64.1590 looks on a white background.

Color Contrast Check

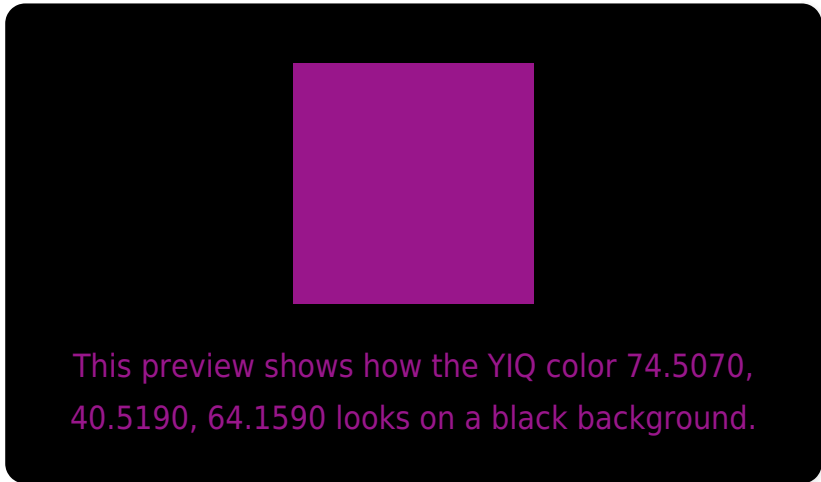
Large Text (above 18pt) WCAG AA ✓ Pass

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

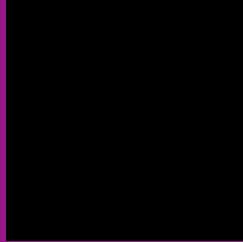
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 74.5070, 40.5190, 64.1590

Background



This preview shows how black text looks on a background with the YIQ color 74.5070, 40.5190, 64.1590.



This preview shows how white text looks on a background with the YIQ color 74.5070, 40.5190,

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

74.5070, 40.5190, 64.1590

Protanopia

69.7140, -80.5590, 11.7370

Deuteranopia

86.0360, -26.0440, 9.4440



Tritanopia

84.0670, 51.7600, 20.1120

Trichromacy



Original Color

74.5070, 40.5190, 64.1590

Protanomaly

71.2470, -36.0430, 30.9730

Deuteranomaly

81.5590, -1.9310, 29.5010

Tritanomaly

80.5250, 48.1350, 36.2550

Monochromacy



Original Color

74.5070, 40.5190, 64.1590

Achromatopsia

75.0000, -0.0000, -0.0000

Achromatomaly

74.8410, 14.5300, 23.0260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 74.5070, 40.5190, 64.1590 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(153, 22, 139)` looks like.

```
.text, #text, p{  
  color:rgb(153, 22, 139)  
}
```

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(153, 22, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 22, 139) }
```

Border

The CSS property to change the border of an element to YIQ 74.5070, 40.5190, 64.1590 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(153, 22, 139) }
```


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

```
.border{ border-color:rgb(153, 22, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 22, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 22, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 22, 139);  
box-shadow:4px 4px 4px 4px rgb(153, 22,  
139) }
```

Background

The CSS property to change the background color of an element to YIQ 74.5070, 40.5190, 64.1590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 22, 139) }
```

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

```
.background{ background-color: rgb(153, 22,  
139) }
```

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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