

Converting Colors

YIQ(69.6080, 41.0720, 48.6240)

Have a look what the booklet for
YIQ(69.6080, 41.0720, 48.6240)
contains.

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Color

**YIQ(69.6080, 41.0720,
48.6240)**

Conversions

Conversions Part 1

Format	Color
Hex	8B1B6B
RGB	139, 27, 107
RGB Percent	55%, 11%, 42%
CMY	0.4546, 0.8943, 0.5803
CMYK	0.00, 0.81, 0.23, 0.45
HSL	317°, 68%, 33%
HSV	317°, 81%, 55%
XYZ	13.7070, 7.3397, 14.6113
YIQ	69.6080, 41.0720, 48.6240

Conversions

Conversions Part 2

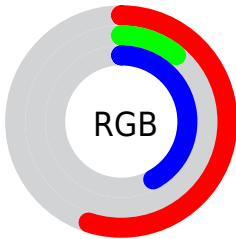
Format	Color
RYB	139, 27, 107
Decimal	9116523
CIELab	32.57, 52.86, -18.66
CIElCh	33, 56.053, 340.560
Yxy	7.3397, 0.3844, 0.2058
Android (android.graphics.Color)	4287306603 (0xFF8B1B6B)
YUV	69.6080, 18.4343, 60.8568
Hunter-Lab	27.0919, 42.9002, -13.0121

Details

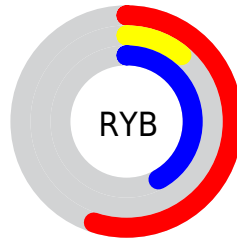
The YIQ color **69.6080, 41.0720, 48.6240** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **96.3920, -41.0720, -48.6240**, and the grayscale version is **69.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **126.6250, 42.4020, 46.5460**, and **32.1410, 31.7210, 36.3690** is the 20% darker color. If you saturate the color by 10%, you get **60.9340, 46.2060, 54.7020**, and if you desaturate by 10%, it is **78.2820, 35.9380, 42.5460**.

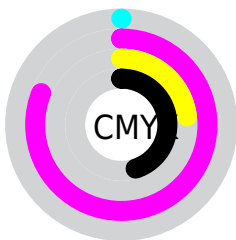
Distribution



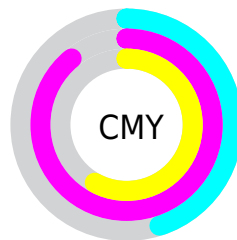
- Red (55%)
- Green (11%)
- Blue (42%)



- Red (55%)
- Yellow (11%)
- Blue (42%)



- Cyan (0%)
- Magenta (81%)
- Yellow (23%)
- Black (45%)





- Cyan (45%)
- Magenta (89%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 69.6080, 41.0720, 48.6240 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 69.6080, 41.0720, 48.6240 by changing the saturation by 10% instead.


 69.6080, 41.0720,
48.6240


 69.6080, 41.0720,
48.6240


255.0000, -0.0000,
-0.0000


 42.9500, 40.1090,
49.5570


 126.6250, 42.4020,
46.5460


 32.1410, 31.7210,
36.3690

 154.2230, 43.5940,
46.9700


 22.2720, 23.5620,
24.5380

 182.1200, 45.3820,
47.6060

 11.2780, 14.2570,
11.4490

 201.8620, 28.3730,
41.9810

 0.0000, 0.0000,
0.0000

 219.7800, 16.5000,
31.3800

 236.8030, 8.5250,

16.2130

253.8260, 0.5500,
1.0460

■ 69.6080, 41.0720,
48.6240

■ 69.6080, 41.0720,
48.6240

■ 60.9340, 46.2060,
54.7020

■ 78.2820, 35.9380,
42.5460

■ 52.8470, 51.0650,
60.2570

■ 86.9560, 30.8040,
36.4680

■ 95.6300, 25.6700,
30.3900

■ 104.3040, 20.5360,
24.3120

■ 112.9780, 15.4020,
18.2340

■ 121.0650, 10.5430,
12.6790

■ 129.7390, 5.4090,
6.6010

■ 138.4130, 0.2750,
0.5230

■ 147.0870, -4.8590,
-5.5550

Harmonies

Analogous

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



78.1060, -4.7290, 36.1590



69.6080, 41.0720, 48.6240



59.6740, 67.0690, 45.5410

Triad

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



69.6080, 41.0720, 48.6240



70.8800, 25.6800, -24.8800



71.0410, -69.1390, -8.0110

Complementary

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



69.6080, 41.0720, 48.6240



96.3920, -41.0720, -48.6240

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.



66.2530, -55.6570, -21.0730



69.6080, 41.0720, 48.6240



59.7180, -9.5750, -41.2470

Square

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



69.6080, 41.0720, 48.6240



71.9640, 52.4070, -8.1450



60.3080, -40.2950, -35.1670



70.5970, -76.1560, 3.5240

Rectangle

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



69.6080, 41.0720, 48.6240



65.8520, 68.7230, 26.5710



60.3080, -40.2950, -35.1670



69.5590, -64.9660, -12.0540

Sweetspot

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



69.6080, 41.0720, 48.6240



154.3910, 15.6770, 18.7570



49.3360, -16.8800, 41.6160



75.2390, 9.9930, 11.6330



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

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



69.6080, 41.0720, 48.6240



71.9880, 64.4500, 76.4980



63.2240, 59.0480, 31.2080



64.6630, 2.5670, 3.0390



50.5970, 48.7730, 57.7410



1.9510, 1.6960, 2.3040

Inverse Universe

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



69.6080, 41.0720, 48.6240



71.9880, 64.4500, 76.4980



102.7760, -59.0480, -31.2080



64.6630, 2.5670, 3.0390



50.5970, 48.7730, 57.7410



1.9510, 1.6960, 2.3040

Previews

White Background



This preview shows how the YIQ color 69.6080, 41.0720, 48.6240 looks on a white background.

Color Contrast Check

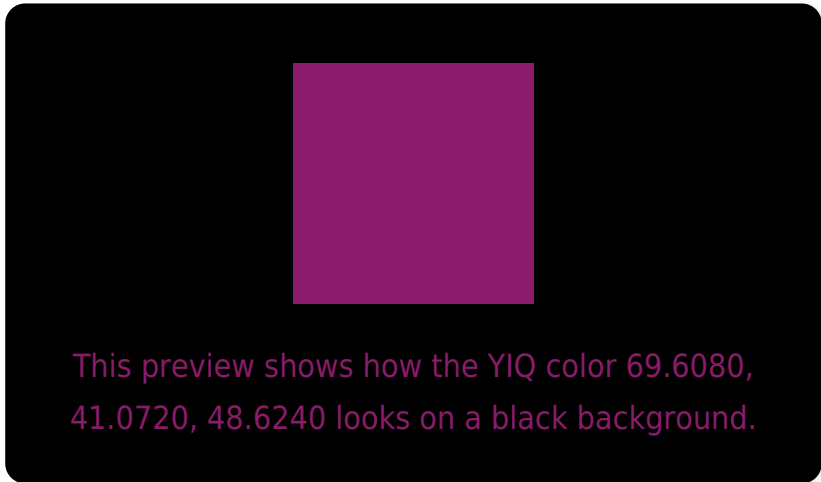
Large Text (above 18pt) WCAG AA ✓ Pass

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

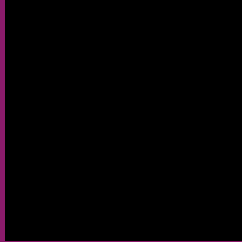
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 69.6080, 41.0720, 48.6240

Background



This preview shows how black text looks on a background with the YIQ color 69.6080, 41.0720, 48.6240.



This preview shows how white text looks on a background with the YIQ color 69.6080, 41.0720,

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

69.6080, 41.0720, 48.6240

Protanopia

73.9990, -41.8170, 14.4630

Deuteranopia

78.8390, -9.4920, 6.8280



Tritanopia

74.0560, 50.2930, 19.1650

Trichromacy



Original Color

69.6080, 41.0720, 48.6240

Protanomaly

72.3020, -11.5130, 26.9430

Deuteranomaly

75.6770, 9.1200, 21.9520

Tritanomaly

72.2380, 47.2650, 29.9930

Monochromacy



Original Color

69.6080, 41.0720, 48.6240

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

69.5650, 15.1270, 17.7110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 69.6080, 41.0720, 48.6240 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(139, 27, 107)` looks like.

```
.text, #text, p{  
    color:rgb(139, 27, 107)  
}
```

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(139, 27, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 27, 107) }
```

Border

The CSS property to change the border of an element to YIQ 69.6080, 41.0720, 48.6240 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(139, 27, 107) }
```


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

```
.border{ border-color:rgb(139, 27, 107) }
```

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

Here you see how a box with a 4 pixel rgb(139, 27, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 27, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 27, 107);  
box-shadow:4px 4px 4px 4px rgb(139, 27,  
107) }
```

Background

The CSS property to change the background color of an element to YIQ 69.6080, 41.0720, 48.6240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 27, 107) }
```

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

```
.background{ background-color: rgb(139, 27,  
107) }
```

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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