

Converting Colors

YIQ(69.0410, 4.2050, 72.5010)

Have a look what the booklet for
YIQ(69.0410, 4.2050, 72.5010)
contains.

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Color

**YIQ(69.0410, 4.2050,
72.5010)**

Conversions

Conversions Part 1

Format	Color
Hex	7615BC
RGB	118, 21, 188
RGB Percent	46%, 8%, 74%
CMY	0.5369, 0.9178, 0.2629
CMYK	0.37, 0.89, 0.00, 0.26
HSL	275°, 80%, 41%
HSV	275°, 89%, 74%
XYZ	16.8242, 8.0220, 48.2224
YIQ	69.0410, 4.2050, 72.5010

Conversions

Conversions Part 2

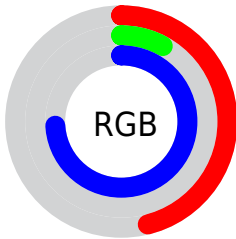
Format	Color
R _{YB}	118, 21, 188
Decimal	7738812
CIE Lab	34.03, 65.10, -66.19
CIE LCh	34, 92.840, 314.522
Yxy	8.0220, 0.2303, 0.1098
Android (android.graphics.Color)	4285928892 (0xFF7615BC)
YUV	69.0410, 58.6468, 42.9370
Hunter-Lab	28.3231, 56.4656, -81.1199

Details

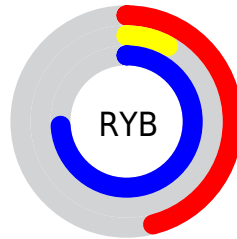
The YIQ color **69.0410, 4.2050, 72.5010** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **139.9590, -4.2050, -72.5010**, and the grayscale version is **68.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **129.2750, 3.4260, 70.0980**, and **32.8030, -7.5290, 53.8710** is the 20% darker color. If you saturate the color by 10%, you get **55.4960, 4.6620, 80.7420**, and if you desaturate by 10%, it is **82.5860, 3.7480, 64.2600**.

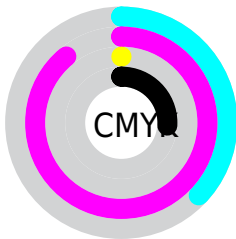
Distribution



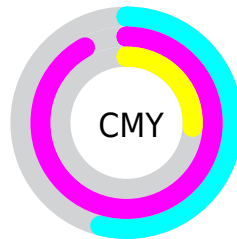
- Red (46%)
- Green (8%)
- Blue (74%)



- Red (46%)
- Yellow (8%)
- Blue (74%)



- Cyan (37%)
- Magenta (89%)
- Yellow (0%)
- Black (26%)



- Cyan (54%)
- Magenta (92%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 69.0410, 4.2050, 72.5010 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 69.0410, 4.2050, 72.5010 by changing the saturation by 10% instead.

69.0410, 4.2050,
72.5010

69.0410, 4.2050,
72.5010

255.0000, -0.0000,
-0.0000

44.8510, 1.6840,
68.6280

129.2750, 3.4260,
70.0980

32.8030, -7.5290,
53.8710

155.2340, 10.6710,
65.4470

19.3740, -20.0430,
38.3650

180.6400, 20.8510,
57.1630

9.3480, -26.3220,
25.5020

202.7570, 24.4750,
46.5470

9.5470, -19.9930,
15.4230

219.1930, 16.7750,
31.9030

5.1640, -11.7850,
9.8390

236.2160, 8.8000,


1.1400, -3.2100,


16.7360


3.1100

 253.2390, 0.8250,
1.5690

 0.0000, 0.0000,
0.0000


 69.0410, 4.2050,
72.5010

 69.0410, 4.2050,
72.5010

 55.4960, 4.6620,
80.7420


 82.5860, 3.7480,
64.2600

 54.0230, 4.6160,
81.5760

 96.1310, 3.2910,
56.0190

 109.0890, 3.1090,
48.3010

 122.6340, 2.6520,
40.0600

 135.8800, 1.5990,
31.6070

■ 149.4250, 1.1420,
23.3660

■ 162.9700, 0.6850,
15.1250

■ 175.9280, 0.5030,
7.4070

■ 189.4730, 0.0460,
-0.8340

Harmonies

Analogous

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



72.9520, -95.1880, 29.0680



69.0410, 4.2050, 72.5010



69.1090, 71.4190, 76.8510

Triad

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



69.0410, 4.2050, 72.5010



74.9650, 59.8340, -5.0780



75.4460, -66.3860, -19.3620

Complementary

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



69.0410, 4.2050, 72.5010



139.9590, -4.2050, -72.5010

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.



64.5650, -39.8810, -42.6730



69.0410, 4.2050, 72.5010



71.0910, 14.5400, -32.2440

Square

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



69.0410, 4.2050, 72.5010



52.3250, 104.3000, 37.1000



58.1130, -27.2250, -51.7770



83.3120, -88.5350, 2.0970

Rectangle

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



69.0410, 4.2050, 72.5010



67.5240, 94.5750, 64.6790



58.1130, -27.2250, -51.7770



71.8950, -57.7650, -26.9250

Sweetspot

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



69.0410, 4.2050, 72.5010



197.8860, 1.4620, 28.5820



82.3020, -73.4070, 14.2810



94.3230, 1.1890, 17.0050



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



69.0410, 4.2050, 72.5010



70.3880, 5.9870, 106.2990



88.7170, 49.4560, 83.9200



87.5210, 0.0910, 3.8590



45.5200, 4.1140, 68.6420



8.9160, 0.7770, 13.4570

Inverse Universe

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



78.9130, 77.0620, 57.1740



84.8830, 113.2780, 83.6620



120.2830, -49.4560, -83.9200



88.1470, 4.0800, 3.1520



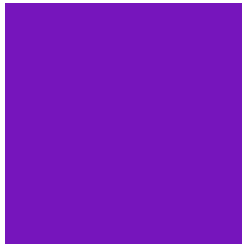
54.7660, 72.9820, 54.0220



10.7510, 14.3030, 10.6150

Previews

White Background



This preview shows how the YIQ color 69.0410, 4.2050, 72.5010 looks on a white background.

Color Contrast Check

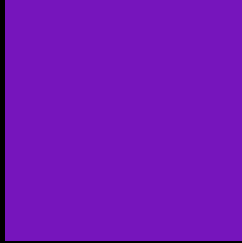
Large Text (above 18pt) WCAG AA ✓ Pass

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 69.0410, 4.2050, 72.5010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

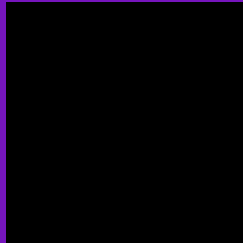
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 69.0410, 4.2050, 72.5010

Background



This preview shows how black text looks on a background with the YIQ color 69.0410, 4.2050, 72.5010.



This preview shows how white text looks on a background with the YIQ color 69.0410, 4.2050,

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

69.0410, 4.2050, 72.5010

Protanopia

64.5960, -74.4150, 10.5210

Deuteranopia

64.9090, -68.4070, 0.7530



Tritanopia

82.2620, 11.1860, 6.5300

Trichromacy



Original Color

69.0410, 4.2050, 72.5010

Protanomaly

66.0380, -45.5800, 33.1080

Deuteranomaly

66.2030, -41.9110, 27.1850

Tritanomaly

77.3600, 8.9350, 30.8150

Monochromacy



Original Color

69.0410, 4.2050, 72.5010

Achromatopsia

69.0000, -0.0000, -0.0000

Achromatomaly

69.3050, 1.6000, 26.0800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 69.0410, 4.2050, 72.5010 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(118, 21, 188)` looks like.

```
.text, #text, p{  
    color:rgb(118, 21, 188)  
}
```

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(118, 21, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 21, 188) }
```

Border

The CSS property to change the border of an element to YIQ 69.0410, 4.2050, 72.5010 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(118, 21, 188) }
```


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

```
.border{ border-color:rgb(118, 21, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 21, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 21, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 21, 188);  
box-shadow:4px 4px 4px 4px rgb(118, 21,  
188) }
```

Background

The CSS property to change the background color of an element to YIQ 69.0410, 4.2050, 72.5010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 21, 188) }
```

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

```
.background{ background-color: rgb(118, 21,  
188) }
```

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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