

Converting Colors

YIQ(48.1070, 2.6980, 39.2260)

Have a look what the booklet for
YIQ(48.1070, 2.6980, 39.2260)
contains.

YIQ(48.1070, 2.6980, 39.2260)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(48.1070, 2.6980,
39.2260)**

Conversions

Conversions Part 1

Format	Color
Hex	4B1670
RGB	75, 22, 112
RGB Percent	29%, 9%, 44%
CMY	0.7057, 0.9138, 0.5608
CMYK	0.33, 0.80, 0.00, 0.56
HSL	275°, 67%, 26%
HSV	275°, 80%, 44%
XYZ	6.1156, 3.2402, 15.6279
YIQ	48.1070, 2.6980, 39.2260

Conversions

Conversions Part 2

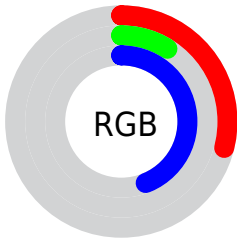
Format	Color
R_{YB}	75, 22, 112
Decimal	4920944
CIE _{Lab}	20.98, 40.95, -40.95
CIE _{LCh}	21, 57.918, 315.000
Yxy	3.2402, 0.2448, 0.1297
Android (android.graphics.Color)	4283111024 (0xFF4B1670)
YUV	48.1070, 31.4992, 23.5852
Hunter-Lab	18.0006, 29.1429, -38.8745

Details

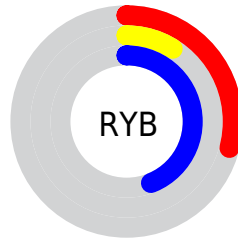
The YIQ color **48.1070, 2.6980, 39.2260** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **85.8930, -2.6980, -39.2260**, and the grayscale version is **48.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **99.3460, 3.5230, 40.7950**, and **15.5540, -3.5350, 25.5290** is the 20% darker color. If you saturate the color by 10%, you get **40.1550, 2.7430, 43.9190**, and if you desaturate by 10%, it is **56.0590, 2.6530, 34.5330**.

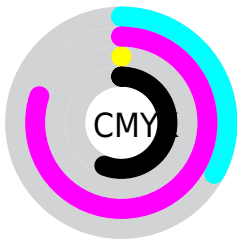
Distribution



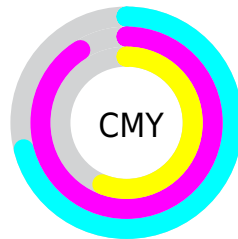
- Red (29%)
- Green (9%)
- Blue (44%)



- Red (29%)
- Yellow (9%)
- Blue (44%)



- Cyan (33%)
- Magenta (80%)
- Yellow (0%)
- Black (56%)



- Cyan (71%)
- Magenta (91%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 48.1070, 2.6980, 39.2260 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 48.1070, 2.6980, 39.2260 by changing the saturation by 10% instead.

48.1070, 2.6980,
39.2260

48.1070, 2.6980,
39.2260

255.0000, -0.0000,
-0.0000

24.5690, 1.2770,
37.4450

99.3460, 3.5230,
40.7950

15.5540, -3.5350,
25.5290

125.1720, 4.0730,
41.8410

5.1470, -13.1150,
11.9170

151.4110, 4.8980,
43.4100

2.6390, -6.0530,
5.0750


178.9380, 4.8520,
44.2440


0.0000, 0.0000,
0.0000


204.1420, 12.7850,
38.1370

225.0630, 14.0250,

26.6730


 241.4990, 6.3250,
12.0290


 48.1070, 2.6980,
39.2260


 48.1070, 2.6980,
39.2260


 40.1550, 2.7430,
43.9190


 56.0590, 2.6530,
34.5330

 32.5020, 3.3840,
48.8240

 63.7120, 2.0120,
29.6280

 72.2510, 1.6920,
24.4120

 79.9040, 1.0510,
19.5070

 87.8560, 1.0060,
14.8140

■ 95.8080, 0.9610,
10.1210

■ 103.4610, 0.3200,
5.2160

■ 112.0000, -0.0000,
0.0000

■ 119.6530, -0.6410,
-4.9050

Harmonies

Analogous

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



44.7400, -57.0850, 15.8350



48.1070, 2.6980, 39.2260



41.9240, 42.9980, 46.7580

Triad

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



48.1070, 2.6980, 39.2260



47.9870, 36.4050, -4.4830



47.5370, -41.5370, -12.6490

Complementary

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



48.1070, 2.6980, 39.2260



85.8930, -2.6980, -39.2260

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.



41.1190, -26.2210, -25.9090



48.1070, 2.6980, 39.2260



45.1420, 10.5030, -19.6490

Square

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



48.1070, 2.6980, 39.2260



34.9280, 62.3970, 20.0690



36.3940, -17.0500, -32.4260



51.3960, -53.7810, 0.0030

Rectangle

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



48.1070, 2.6980, 39.2260



41.1240, 56.7540, 39.7460



36.3940, -17.0500, -32.4260



45.2400, -36.4470, -16.7910

Sweetspot

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



48.1070, 2.6980, 39.2260



120.2690, 1.2810, 15.3370



53.9790, -39.0650, 8.6390



58.9820, 0.4110, 9.0750



201.0000, -0.0000, 0.0000



74.0000, -0.0000, 0.0000

Same Dimension

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



48.1070, 2.6980, 39.2260



46.3640, 4.2530, 60.6130



58.2580, 27.3180, 44.5820



51.8800, 0.4580, 2.7140



34.9090, 3.7960, 52.3720



71.8120, 7.7290, 107.7690

Inverse Universe

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



53.1280, 41.7630, 30.5870



54.0590, 64.5470, 47.1950



75.6280, -26.9970, -44.8930



52.1360, 2.6130, 2.2050



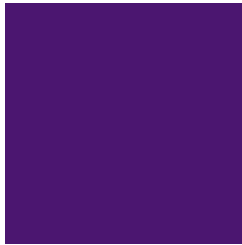
41.4660, 55.7910, 40.6790



85.4810, 114.4700, 84.0860

Previews

White Background



This preview shows how the YIQ color 48.1070, 2.6980, 39.2260 looks on a white background.

Color Contrast Check

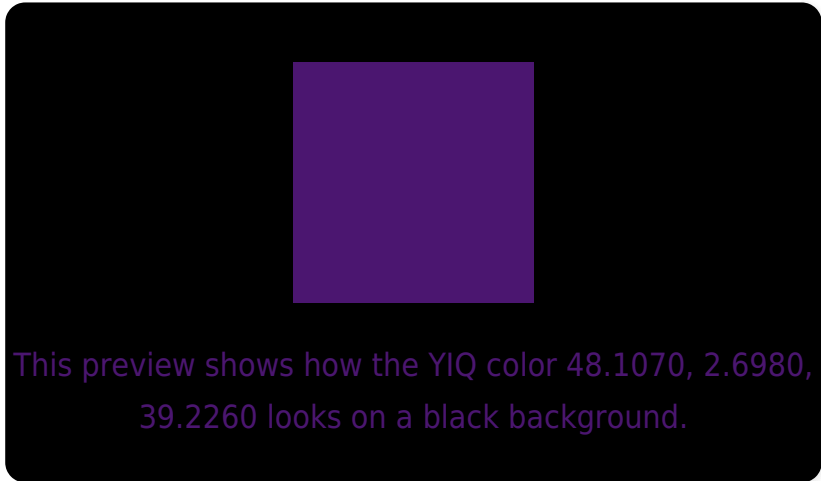
Large Text (above 18pt) WCAG AA ✓ Pass

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

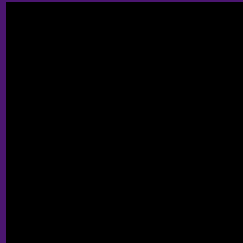
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 48.1070, 2.6980, 39.2260

Background



This preview shows how black text looks on a background with the YIQ color 48.1070, 2.6980, 39.2260.



This preview shows how white text looks on a background with the YIQ color 48.1070, 2.6980,

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

48.1070, 2.6980, 39.2260

Protanopia

41.4340, -47.7760, 6.8160

Deuteranopia

41.5990, -44.1070, 0.8930



Tritanopia

52.5390, 8.8480, 4.8480

Trichromacy



Original Color

48.1070, 2.6980, 39.2260

Protanomaly

43.8650, -29.5760, 18.3920

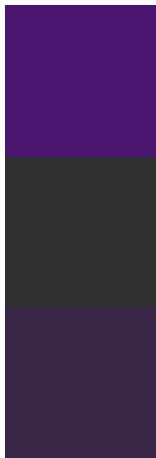
Deuteranomaly

44.0130, -27.2370, 14.5470

Tritanomaly

50.9600, 6.6450, 17.2450

Monochromacy



Original Color

48.1070, 2.6980, 39.2260

Achromatopsia

48.0000, -0.0000, 0.0000

Achromatomaly

48.3290, 1.0520, 13.9800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 48.1070, 2.6980, 39.2260 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(75, 22, 112)` looks like.

```
.text, #text, p{  
    color:rgb(75, 22, 112)  
}
```

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(75, 22, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 22, 112) }
```

Border

The CSS property to change the border of an element to YIQ 48.1070, 2.6980, 39.2260 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(75, 22, 112) }
```


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

```
.border{ border-color:rgb(75, 22, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 22, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 22, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 22, 112);  
box-shadow:4px 4px 4px 4px rgb(75, 22,  
112) }
```

Background

The CSS property to change the background color of an element to YIQ 48.1070, 2.6980, 39.2260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 22, 112) }
```

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

```
.background{ background-color: rgb(75, 22,  
112) }
```

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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