

Converting Colors

YIQ(47.6800, 14.2060, 39.9180)

Have a look what the booklet for
YIQ(47.6800, 14.2060, 39.9180)
contains.

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Color

**YIQ(47.6800, 14.2060,
39.9180)**

Conversions

Conversions Part 1

Format	Color
Hex	561264
RGB	86, 18, 100
RGB Percent	34%, 7%, 39%
CMY	0.6625, 0.9295, 0.6078
CMYK	0.14, 0.82, 0.00, 0.61
HSL	290°, 70%, 23%
HSV	290°, 82%, 39%
XYZ	6.3588, 3.3328, 12.3643
YIQ	47.6800, 14.2060, 39.9180

Conversions

Conversions Part 2

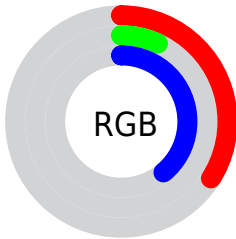
Format	Color
RYB	86, 18, 100
Decimal	5640804
CIELab	21.33, 42.07, -32.49
CIELCh	21, 53.155, 322.325
Yxy	3.3328, 0.2883, 0.1511
Android (android.graphics.Color)	4283830884 (0xFF561264)
YUV	47.6800, 25.7938, 33.6066
Hunter-Lab	18.2559, 30.2261, -27.3766

Details

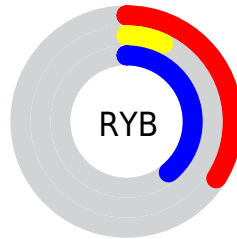
The YIQ color **47.6800, 14.2060, 39.9180** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **70.3200, -14.2060, -39.9180**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **99.8650, 15.1230, 39.8190**, and **17.7030, 6.2310, 24.7510** is the 20% darker color. If you saturate the color by 10%, you get **41.2120, 15.7640, 44.7240**, and if you desaturate by 10%, it is **54.1480, 12.6480, 35.1120**.

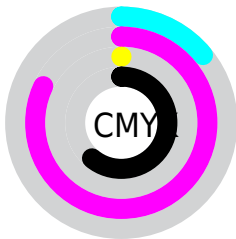
Distribution



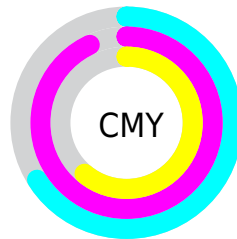
- Red (34%)
- Green (7%)
- Blue (39%)



- Red (34%)
- Yellow (7%)
- Blue (39%)



- Cyan (14%)
- Magenta (82%)
- Yellow (0%)
- Black (61%)



- Cyan (66%)
- Magenta (93%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 47.6800, 14.2060, 39.9180 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 47.6800, 14.2060, 39.9180 by changing the saturation by 10% instead.

47.6800, 14.2060,
39.9180

47.6800, 14.2060,
39.9180

255.0000, -0.0000,
-0.0000

26.9030, 11.9600,
36.5680

99.8650, 15.1230,
39.8190

17.7030, 6.2310,
24.7510

125.6910, 15.6730,
40.8650

3.4200, -9.6300,
9.3300

152.5170, 16.2230,
41.9110

0.1140, -0.3210,
0.3110

179.9300, 16.4980,
42.4340

0.0000, 0.0000,
0.0000

207.1430, 20.2120,
41.2040

224.4760, 14.3000,

27.1960

241.4990, 6.3250,
12.0290

47.6800, 14.2060,
39.9180

47.6800, 14.2060,
39.9180

41.2120, 15.7640,
44.7240

54.1480, 12.6480,
35.1120

36.2170, 17.3680,
48.6960

60.3170, 10.4940,
30.0940

66.7850, 8.9360,
25.2880

73.2530, 7.3780,
20.4820

79.7210, 5.8200,
15.6760

■ 85.8900, 3.6660,
10.6580

■ 92.3580, 2.1080,
5.8520

■ 98.8260, 0.5500,
1.0460

■ 104.9950, -1.6040,
-3.9720

Harmonies

Analogous

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



41.2520, -52.7750, 14.8170



47.6800, 14.2060, 39.9180



40.9690, 47.1250, 43.5490

Triad

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



47.6800, 14.2060, 39.9180



48.5300, 30.2620, -8.7940



48.4490, -44.1050, -10.1610

Complementary

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



47.6800, 14.2060, 39.9180



70.3200, -14.2060, -39.9180

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.



43.3020, -30.9900, -22.0780



47.6800, 14.2060, 39.9180



44.8100, 5.5060, -22.7020

Square

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



47.6800, 14.2060, 39.9180



43.9880, 53.0000, 8.6480



36.9810, -17.3250, -32.9490



51.7380, -54.7440, 0.9360

Rectangle

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



47.6800, 14.2060, 39.9180



38.9020, 57.2590, 36.0990



36.9810, -17.3250, -32.9490



46.9670, -39.9320, -14.2040

Sweetspot

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



47.6800, 14.2060, 39.9180



109.7210, 5.8200, 15.6760



36.1530, -30.4470, 17.6570



53.3630, 3.7120, 9.8240



194.0000, -0.0000, 0.0000



66.0000, -0.0000, -0.0000

Same Dimension

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



47.6800, 14.2060, 39.9180



48.8730, 21.8130, 61.7570



48.9020, 30.8960, 34.8000



47.7660, 0.7790, 2.4030



41.5150, 19.7050, 55.9050



87.6870, 42.1140, 117.8740

Inverse Universe

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



44.1140, 44.3780, 21.7380



43.3670, 68.9510, 33.4550



69.0980, -30.8960, -34.8000



47.6090, 2.6590, 1.3710



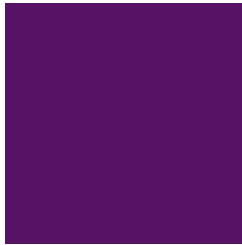
36.6650, 62.1200, 30.6000



77.0320, 131.0710, 64.0550

Previews

White Background



This preview shows how the YIQ color 47.6800, 14.2060, 39.9180 looks on a white background.

Color Contrast Check

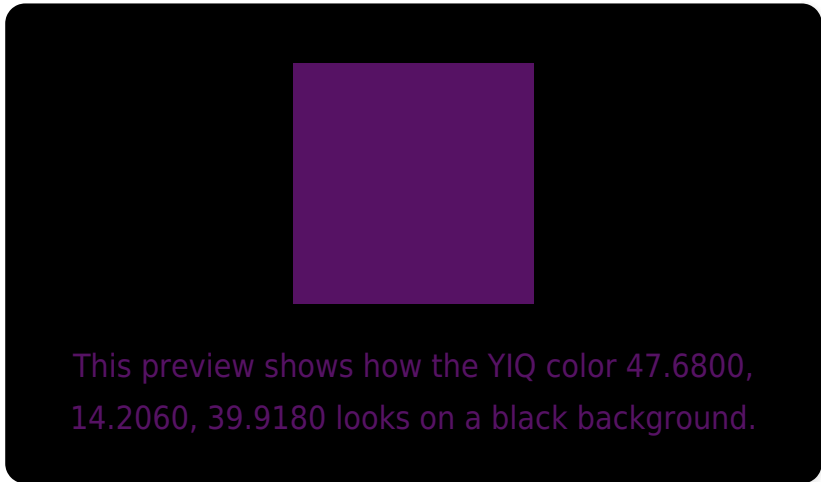
Large Text (above 18pt) WCAG AA ✓ Pass

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

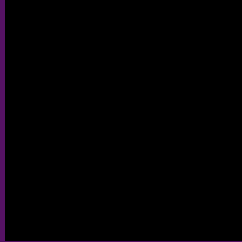
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 47.6800, 14.2060, 39.9180

Background



This preview shows how black text looks on a background with the YIQ color 47.6800, 14.2060, 39.9180.



This preview shows how white text looks on a background with the YIQ color 47.6800, 14.2060,

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

47.6800, 14.2060, 39.9180

Protanopia

42.2490, -48.6930, 6.9150

Deuteranopia

46.7140, -37.0010, 4.2710



Tritanopia

53.4050, 21.0890, 8.7770

Trichromacy



Original Color

47.6800, 14.2060, 39.9180

Protanomaly

44.1320, -25.9540, 18.8300

Deuteranomaly

47.0850, -18.5720, 17.2040

Tritanomaly

51.2990, 18.9320, 20.3400

Monochromacy



Original Color

47.6800, 14.2060, 39.9180

Achromatopsia

48.0000, -0.0000, 0.0000

Achromatomaly

47.8950, 5.2700, 14.6300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 47.6800, 14.2060, 39.9180 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(86, 18, 100)` looks like.

```
.text, #text, p{  
    color:rgb(86, 18, 100)  
}
```

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(86, 18, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 18, 100) }
```

Border

The CSS property to change the border of an element to YIQ 47.6800, 14.2060, 39.9180 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(86, 18, 100) }
```


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

```
.border{ border-color:rgb(86, 18, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 18, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 18, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 18, 100);  
box-shadow:4px 4px 4px 4px rgb(86, 18,  
100) }
```

Background

The CSS property to change the background color of an element to YIQ 47.6800, 14.2060, 39.9180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 18, 100) }
```

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

```
.background{ background-color: rgb(86, 18,  
100) }
```

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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