

Converting Colors

YIQ(41.2780, 24.5660, 50.4060)

Have a look what the booklet for
YIQ(41.2780, 24.5660, 50.4060)
contains.

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Color

**YIQ(41.2780, 24.5660,
50.4060)**

Conversions

Conversions Part 1

Format	Color
Hex	600264
RGB	96, 2, 100
RGB Percent	38%, 1%, 39%
CMY	0.6232, 0.9923, 0.6078
CMYK	0.04, 0.98, 0.00, 0.61
HSL	298°, 96%, 20%
HSV	298°, 98%, 39%
XYZ	7.1533, 3.4535, 12.3476
YIQ	41.2780, 24.5660, 50.4060

Conversions

Conversions Part 2

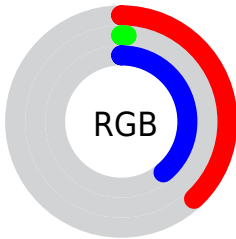
Format	Color
RYB	96, 2, 100
Decimal	6292068
CIELab	21.78, 48.28, -31.68
CIElCh	22, 57.741, 326.730
Yxy	3.4535, 0.3116, 0.1505
Android (android.graphics.Color)	4284482148 (0xFF600264)
YUV	41.2780, 28.9499, 47.9912
Hunter-Lab	18.5836, 36.1879, -26.3857




Details

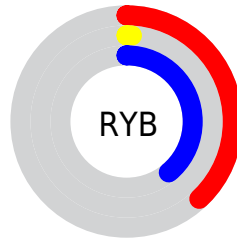
The YIQ color **41.2780, 24.5660, 50.4060** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **60.7220, -24.5660, -50.4060**, and the grayscale version is **41.0000, 0.0000, -0.0000**.




A 20% lighter version of the original color is **99.6320, 23.3290, 45.2890**, and **20.0950, 10.9990, 26.4470** is the 20% darker color. If you saturate the color by 10%, you get **40.1040, 25.1160, 51.4520**, and if you desaturate by 10%, it is **47.1480, 21.8160, 45.1760**.

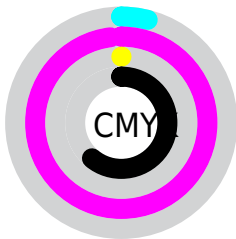
Distribution







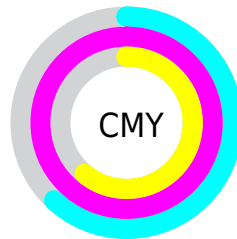
-  Red (38%)
-  Green (1%)
-  Blue (39%)






-  Red (38%)
-  Yellow (1%)
-  Blue (39%)



-  Cyan (4%)
-  Magenta (98%)
-  Yellow (0%)
-  Black (61%)



-  Cyan (62%)
-  Magenta (99%)
-  Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 41.2780, 24.5660, 50.4060 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 41.2780, 24.5660, 50.4060 by changing the saturation by 10% instead.

41.2780, 24.5660,
50.4060

41.2780, 24.5660,
50.4060

255.0000, -0.0000,
-0.0000

29.5940, 17.3240,
38.4760

99.6320, 23.3290,
45.2890

20.0950, 10.9990,
26.4470

126.3440, 24.2000,
46.0240

7.4210, -2.2030,
12.3970

153.1700, 24.7500,
47.0700

0.1140, -0.3210,
0.3110

180.8820, 25.6210,
47.8050


0.0000, 0.0000,
0.0000


205.6920, 23.1000,
43.9320


222.1280, 15.4000,


29.2880


 238.5640, 7.7000,
14.6440


 41.2780, 24.5660,
50.4060


 41.2780, 24.5660,
50.4060


 40.1040, 25.1160,
51.4520

 47.1480, 21.8160,
45.1760

 53.3170, 19.6620,
40.1580

 59.1870, 16.9120,
34.9280

 65.3560, 14.7580,
29.9100

 71.2260, 12.0080,
24.6800

■ 77.0960, 9.2580,
19.4500

■ 83.2650, 7.1040,
14.4320

■ 89.1350, 4.3540,
9.2020

■ 95.3040, 2.2000,
4.1840

Harmonies

Analogous

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



44.5460, -44.6150, 21.1210



41.2780, 24.5660, 50.4060



42.6060, 52.5810, 43.7890

Triad

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



41.2780, 24.5660, 50.4060



49.3940, 27.6490, -10.9990



50.7630, -47.8650, -8.0970

Complementary

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



41.2780, 24.5660, 50.4060



60.7220, -24.5660, -50.4060

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.



45.1600, -33.4660, -21.2580



41.2780, 24.5660, 50.4060



42.9940, -1.0040, -25.8680

Square

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



41.2780, 24.5660, 50.4060



45.1620, 52.4500, 7.6020



38.7420, -18.1500, -34.5180



53.5790, -58.5500, 3.8340

Rectangle

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



41.2780, 24.5660, 50.4060



40.0120, 62.7610, 35.5050



38.7420, -18.1500, -34.5180



49.1670, -43.3710, -12.4510

Sweetspot

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



41.2780, 24.5660, 50.4060



107.3950, 9.8540, 19.6620



16.1070, -32.8330, 27.8630



52.2000, 5.7290, 11.8170



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.



41.2780, 24.5660, 50.4060



52.1950, 32.7700, 66.9300



37.4580, 41.0740, 37.5700



48.0650, 1.3750, 2.6150



46.0000, 28.6450, 59.0850



97.2550, 61.1860, 124.6580

Inverse Universe

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



31.7580, 57.1240, 22.0200



39.4400, 75.8750, 29.1150



64.5420, -41.0740, -37.5700



47.4950, 2.9800, 1.0600



34.9550, 66.9350, 25.9350



73.4980, 141.0220, 54.4140

Previews

White Background



This preview shows how the YIQ color 41.2780, 24.5660, 50.4060 looks on a white background.

Color Contrast Check

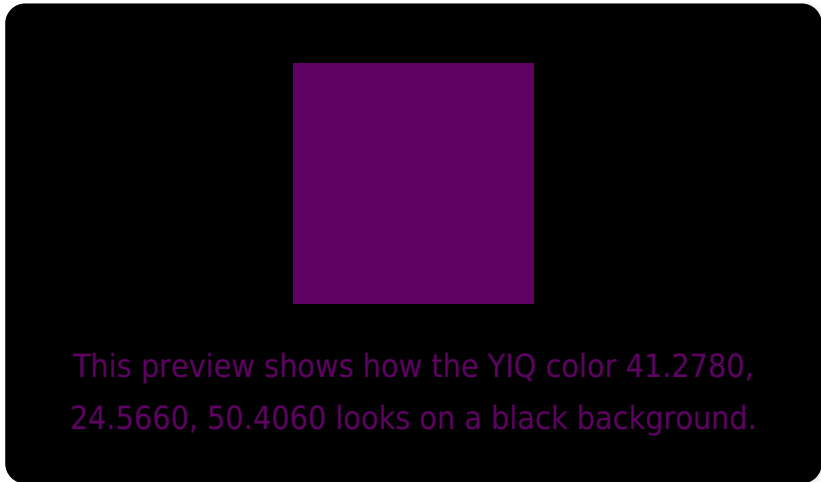
Large Text (above 18pt) WCAG AA ✓ Pass

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

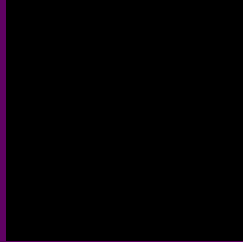
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 41.2780, 24.5660, 50.4060

Background



This preview shows how black text looks on a background with the YIQ color 41.2780, 24.5660, 50.4060.



This preview shows how white text looks on a background with the YIQ color 41.2780, 24.5660,

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

41.2780, 24.5660, 50.4060

Protanopia

44.6940, -51.4440, 7.2120

Deuteranopia

52.2590, -28.2900, 6.0940



Tritanopia

54.2920, 28.8370, 11.5330

Trichromacy



Original Color

41.2780, 24.5660, 50.4060

Protanomaly

43.4360, -23.7540, 23.0140

Deuteranomaly

47.9230, -9.1280, 22.2640

Tritanomaly

49.9520, 27.4590, 25.4990

Monochromacy



Original Color

41.2780, 24.5660, 50.4060

Achromatopsia

41.0000, 0.0000, -0.0000

Achromatomaly

41.1560, 9.0290, 18.0930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 41.2780, 24.5660, 50.4060 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(96, 2, 100)` looks like.

```
.text, #text, p{  
    color:rgb(96, 2, 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(96, 2, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 2, 100) }
```

Border

The CSS property to change the border of an element to YIQ 41.2780, 24.5660, 50.4060 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(96, 2, 100) }
```


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

```
.border{ border-color:rgb(96, 2, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 2, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 2, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 2, 100);  
box-shadow:4px 4px 4px 4px rgb(96, 2, 100)  
}
```

Background

The CSS property to change the background color of an element to YIQ 41.2780, 24.5660, 50.4060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 2, 100) }
```

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

```
.background{ background-color: rgb(96, 2,  
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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