

Converting Colors

YIQ(43.1380, 27.7760, 47.2960)

Have a look what the booklet for
YIQ(43.1380, 27.7760, 47.2960)
contains.

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Color

**YIQ(43.1380, 27.7760,
47.2960)**

Conversions

Conversions Part 1

Format	Color
Hex	63055D
RGB	99, 5, 93
RGB Percent	39%, 2%, 36%
CMY	0.6115, 0.9805, 0.6353
CMYK	0.00, 0.95, 0.06, 0.61
HSL	304°, 90%, 20%
HSV	304°, 95%, 39%
XYZ	7.1835, 3.5548, 10.6660
YIQ	43.1380, 27.7760, 47.2960

Conversions

Conversions Part 2

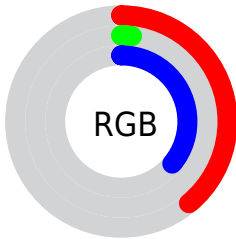
Format	Color
R_{YB}	99, 5, 93
Decimal	6489437
CIE _{Lab}	22.14, 47.00, -26.43
CIE _{LCh}	22, 53.920, 330.643
Yxy	3.5548, 0.3356, 0.1661
Android (android.graphics.Color)	4284679517 (0xFF63055D)
YUV	43.1380, 24.5820, 48.9910
Hunter-Lab	18.8543, 35.0132, -20.3426

Details

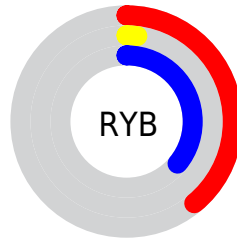
The YIQ color **43.1380, 27.7760, 47.2960** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **60.8620, -27.7760, -47.2960**, and the grayscale version is **43.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **100.3180, 27.0890, 43.2250**, and **20.3080, 14.7130, 25.2170** is the 20% darker color. If you saturate the color by 10%, you get **40.2030, 29.1510, 49.9110**, and if you desaturate by 10%, it is **49.1220, 24.7050, 42.3770**.

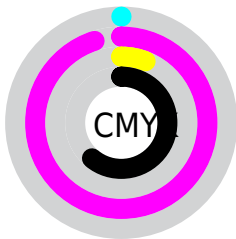
Distribution



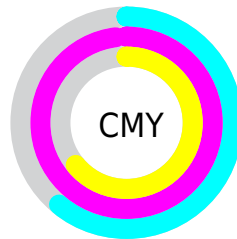
- Red (39%)
- Green (2%)
- Blue (36%)



- Red (39%)
- Yellow (2%)
- Blue (36%)



- Cyan (0%)
- Magenta (95%)
- Yellow (6%)
- Black (61%)



- Cyan (61%)
- Magenta (98%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 43.1380, 27.7760, 47.2960 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 43.1380, 27.7760, 47.2960 by changing the saturation by 10% instead.

43.1380, 27.7760,
47.2960

43.1380, 27.7760,
47.2960

255.0000, -0.0000,
-0.0000

29.6930, 21.3590,
36.9350

100.3180, 27.0890,
43.2250

20.3080, 14.7130,
25.2170

126.9160, 28.2810,
43.6490

8.2320, 2.7030,
11.5910

154.3290, 28.5560,
44.1720


0.0000, 0.0000,
0.0000


182.0410, 29.4270,
44.9070


206.2790, 22.8250,
43.4090


222.7150, 15.1250,


28.7650


 239.7380, 7.1500,
13.5980


 43.1380, 27.7760,
47.2960


 43.1380, 27.7760,
47.2960


 40.2030, 29.1510,
49.9110

 49.1220, 24.7050,
42.3770

 54.9920, 21.9550,
37.1470

 60.9760, 18.8840,
32.2280

 66.9600, 15.8130,
27.3090

 72.8300, 13.0630,
22.0790

■ 78.2270, 10.2670,
17.6830

■ 84.0970, 7.5170,
12.4530

■ 90.0810, 4.4460,
7.5340

■ 96.0650, 1.3750,
2.6150

Harmonies

Analogous

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



50.9460, -25.1300, 25.9260



43.1380, 27.7760, 47.2960



41.7370, 53.5900, 42.0220

Triad

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



43.1380, 27.7760, 47.2960



49.9590, 24.4400, -13.4160



51.1050, -48.8280, -7.1640

Complementary

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



43.1380, 27.7760, 47.2960



60.8620, -27.7760, -47.2960

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.



45.9580, -35.7130, -19.0810



43.1380, 27.7760, 47.2960



43.2710, -3.3420, -27.5500

Square

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



43.1380, 27.7760, 47.2960



48.0750, 48.1410, 3.0930



39.5400, -20.3970, -32.3410



53.4650, -58.2290, 3.5230

Rectangle

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



43.1380, 27.7760, 47.2960



38.7730, 61.9360, 33.9360



39.5400, -20.3970, -32.3410



49.6230, -44.6550, -11.2070

Sweetspot

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



43.1380, 27.7760, 47.2960



108.6400, 10.5420, 18.2060



17.2110, -27.1940, 30.2940



52.9720, 6.3710, 11.1950



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.



43.1380, 27.7760, 47.2960



52.7780, 38.3180, 65.5020



37.8940, 42.5420, 32.9900



45.6520, 1.1000, 2.0920



45.4580, 33.0470, 56.3990



97.2960, 71.1360, 120.5440

Inverse Universe

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



43.1380, 27.7760, 47.2960



52.7780, 38.3180, 65.5020



66.1060, -42.5420, -32.9900



45.6520, 1.1000, 2.0920



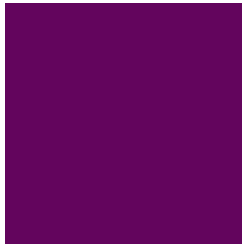
45.4580, 33.0470, 56.3990



97.2960, 71.1360, 120.5440

Previews

White Background



This preview shows how the YIQ color 43.1380, 27.7760, 47.2960 looks on a white background.

Color Contrast Check

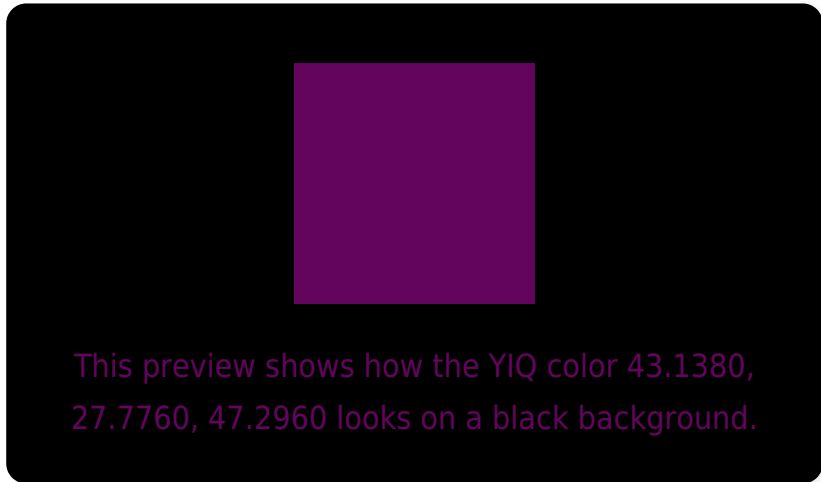
Large Text (above 18pt) WCAG AA ✓ Pass

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

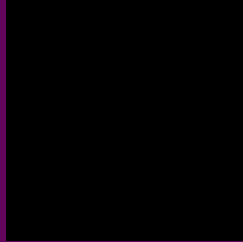
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 43.1380, 27.7760, 47.2960

Background



This preview shows how black text looks on a background with the YIQ color 43.1380, 27.7760, 47.2960.



This preview shows how white text looks on a background with the YIQ color 43.1380, 27.7760,

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

43.1380, 27.7760, 47.2960

Protanopia

44.8080, -51.7650, 7.5230

Deuteranopia

54.7500, -19.4870, 6.2490



Tritanopia

54.2710, 33.3300, 12.7060

Trichromacy



Original Color

43.1380, 27.7760, 47.2960

Protanomaly

44.0940, -22.7910, 22.0810

Deuteranomaly

50.1040, -2.3880, 21.2600

Tritanomaly

50.1050, 31.4020, 25.6260

Monochromacy



Original Color

43.1380, 27.7760, 47.2960

Achromatopsia

43.0000, -0.0000, -0.0000

Achromatomaly

42.8140, 9.9920, 17.1600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 43.1380, 27.7760, 47.2960 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(99, 5, 93)` looks like.

```
.text, #text, p{  
    color:rgb(99, 5, 93)  
}
```

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(99, 5, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 5, 93) }
```

Border

The CSS property to change the border of an element to YIQ 43.1380, 27.7760, 47.2960 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(99, 5, 93) }
```


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

```
.border{ border-color:rgb(99, 5, 93) }
```

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

Here you see how a box with a 4 pixel rgb(99, 5, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 5, 93); -webkit-box-shadow:4px  
4px 4px 4px rgb(99, 5, 93); box-shadow:4px  
4px 4px 4px rgb(99, 5, 93) }
```

Background

The CSS property to change the background color of an element to YIQ 43.1380, 27.7760, 47.2960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 5, 93) }
```

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

```
.background{ background-color: rgb(99, 5,  
93) }
```

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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