

Converting Colors

YIQ(50.5400, 8.2480, 26.7440)

Have a look what the booklet for
YIQ(50.5400, 8.2480, 26.7440)
contains.

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Color

**YIQ(50.5400, 8.2480,
26.7440)**

Conversions

Conversions Part 1

Format	Color
Hex	4B1F57
RGB	75, 31, 87
RGB Percent	29%, 12%, 34%
CMY	0.7057, 0.8785, 0.6588
CMYK	0.14, 0.64, 0.00, 0.66
HSL	287°, 47%, 23%
HSV	287°, 64%, 34%
XYZ	5.1141, 3.1644, 9.3575
YIQ	50.5400, 8.2480, 26.7440

Conversions

Conversions Part 2

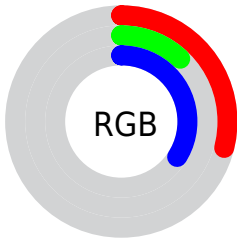
Format	Color
RYB	75, 31, 87
Decimal	4923223
CIELab	20.69, 30.61, -25.00
CIELCh	21, 39.524, 320.763
Yxy	3.1644, 0.2900, 0.1794
Android (android.graphics.Color)	4283113303 (0xFF4B1F57)
YUV	50.5400, 17.9748, 21.4514
Hunter-Lab	17.7887, 20.1873, -18.7365

Details

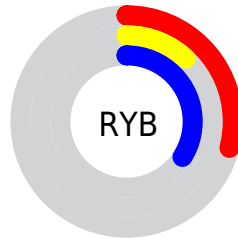
The YIQ color **50.5400, 8.2480, 26.7440** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **67.4600, -8.2480, -26.7440**, and the grayscale version is **50.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **99.0780, 9.6690, 28.5250**, and **14.6550, 6.1860, 20.0580** is the 20% darker color. If you saturate the color by 10%, you get **44.6590, 9.5310, 31.0270**, and if you desaturate by 10%, it is **56.4210, 6.9650, 22.4610**.

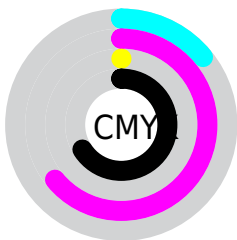
Distribution



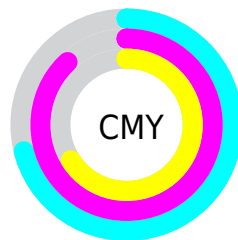
- Red (29%)
- Green (12%)
- Blue (34%)



- Red (29%)
- Yellow (12%)
- Blue (34%)



- Cyan (14%)
- Magenta (64%)
- Yellow (0%)
- Black (66%)



- Cyan (71%)
- Magenta (88%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 50.5400, 8.2480, 26.7440 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 50.5400, 8.2480, 26.7440 by changing the saturation by 10% instead.

■ 50.5400, 8.2480,
26.7440

■ 50.5400, 8.2480,
26.7440

■ 255.0000, -0.0000,
-0.0000

■ 26.5400, 8.2480,
26.7440

■ 99.0780, 9.6690,
28.5250

■ 14.6550, 6.1860,
20.0580

■ 124.6050, 9.6230,
29.3590

■ 2.7530, -6.3740,
5.3860

■ 150.4310, 10.1730,
30.4050


■ 0.0000, 0.0000,
0.0000

■ 177.8440, 10.4480,
30.9280

■ 205.5560, 11.3190,
31.6630

■ 228.5850, 12.3750,

23.5350


 245.0210, 4.6750,
8.8910


 50.5400, 8.2480,
26.7440


 50.5400, 8.2480,
26.7440

 44.6590, 9.5310,
31.0270

 56.4210, 6.9650,
22.4610


 39.3650, 10.5390,
34.7870

 61.7150, 5.9570,
18.7010

 33.4840, 11.8220,
39.0700

 67.5960, 4.6740,
14.4180

 30.2500, 12.6010,
41.4730

 73.1780, 2.7950,
9.9230

 78.4720, 1.7870,
6.1630

■ 84.3530, 0.5040,
1.8800

■ 90.2340, -0.7790,
-2.4030

■ 96.1150, -2.0620,
-6.6860

■ 101.4090, -3.0700,
-10.4460

Harmonies

Analogous

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



45.8490, -32.6470, 13.4730



50.5400, 8.2480, 26.7440



44.3490, 33.8310, 31.1670

Triad

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



50.5400, 8.2480, 26.7440



47.3450, 29.3450, -8.6950



44.3740, -39.5200, -10.6560

Complementary

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



50.5400, 8.2480, 26.7440



67.4600, -8.2480, -26.7440

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.



40.9540, -29.8900, -19.9860



50.5400, 8.2480, 26.7440



44.8540, 11.3740, -18.9140

Square

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



50.5400, 8.2480, 26.7440



45.3950, 44.2440, 2.1320



35.5450, -18.7930, -28.3690



46.6370, -47.2700, -2.3580

Rectangle

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



50.5400, 8.2480, 26.7440



42.2050, 42.8640, 27.1520



35.5450, -18.7930, -28.3690



43.2340, -36.3100, -13.7660

Sweetspot

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



50.5400, 8.2480, 26.7440



98.4770, 3.3910, 10.1350



44.4280, -21.2760, 11.1400



47.4720, 1.7870, 6.1630



184.0000, 0.0000, -0.0000



56.0000, -0.0000, 0.0000

Same Dimension

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



50.5400, 8.2480, 26.7440



56.1360, 12.9220, 41.1620



52.3040, 20.5360, 24.3120



40.3530, 0.5040, 1.8800



37.3140, 15.7170, 51.0850



82.1050, 34.8250, 112.3050

Inverse Universe

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



49.1120, 29.5240, 15.6040



53.7660, 45.4780, 23.8300



65.6960, -20.5360, -24.3120



40.3100, 2.0630, 1.1590



34.6150, 56.3890, 29.8370



75.9650, 124.0100, 65.3700

Previews

White Background



This preview shows how the YIQ color 50.5400, 8.2480, 26.7440 looks on a white background.

Color Contrast Check

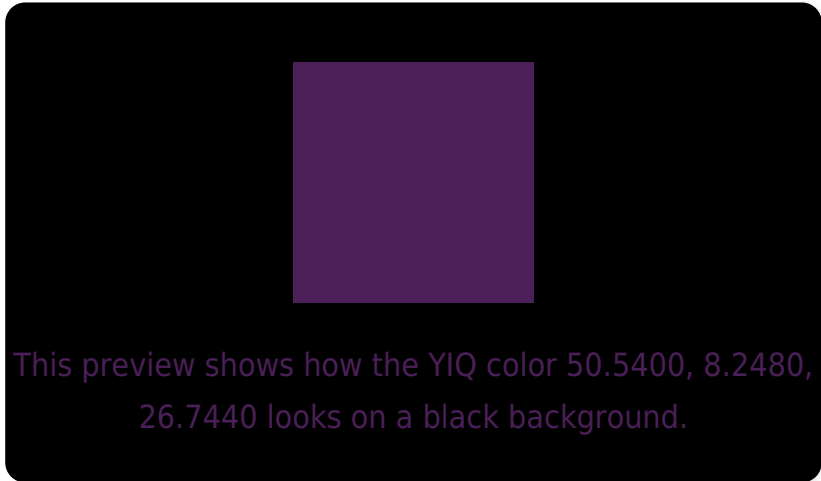
Large Text (above 18pt) WCAG AA ✓ Pass

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

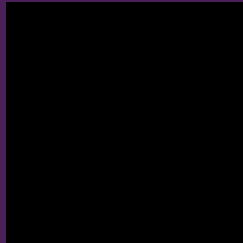
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 50.5400, 8.2480, 26.7440

Background



This preview shows how black text looks on a background with the YIQ color 50.5400, 8.2480, 26.7440.



This preview shows how white text looks on a background with the YIQ color 50.5400, 8.2480,

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

50.5400, 8.2480, 26.7440

Protanopia

40.6190, -46.8590, 6.7170

Deuteranopia

48.3690, -22.7880, 5.5000



Tritanopia

51.1160, 14.5330, 6.4450

Trichromacy



Original Color

50.5400, 8.2480, 26.7440

Protanomaly

43.8990, -26.9160, 14.2360

Deuteranomaly

49.1580, -11.6480, 12.8640

Tritanomaly

51.0760, 12.0100, 13.6260

Monochromacy



Original Color

50.5400, 8.2480, 26.7440

Achromatopsia

51.0000, -0.0000, -0.0000

Achromatomaly

51.0640, 3.1160, 9.6120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 50.5400, 8.2480, 26.7440 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, 31, 87)` looks like.

```
.text, #text, p{  
    color:rgb(75, 31, 87)  
}
```

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, 31, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 31, 87) }
```

Border

The CSS property to change the border of an element to YIQ 50.5400, 8.2480, 26.7440 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, 31, 87) }
```


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

```
.border{ border-color:rgb(75, 31, 87) }
```

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

Here you see how a box with a 4 pixel rgb(75, 31, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 31, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 31, 87);  
box-shadow:4px 4px 4px 4px rgb(75, 31, 87)  
}
```

Background

The CSS property to change the background color of an element to YIQ 50.5400, 8.2480, 26.7440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 31, 87) }
```

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

```
.background{ background-color: rgb(75, 31,  
87) }
```

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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