

Converting Colors

YIQ(53.4730, -6.8400, 46.8880)

Have a look what the booklet for
YIQ(53.4730, -6.8400, 46.8880)
contains.

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Color

**YIQ(53.4730, -6.8400,
46.8880)**

Conversions

Conversions Part 1

Format	Color
Hex	4C198D
RGB	76, 25, 141
RGB Percent	30%, 10%, 55%
CMY	0.7018, 0.9020, 0.4472
CMYK	0.46, 0.82, 0.00, 0.45
HSL	266°, 70%, 33%
HSV	266°, 82%, 55%
XYZ	8.1371, 4.1551, 25.5608
YIQ	53.4730, -6.8400, 46.8880

Conversions

Conversions Part 2

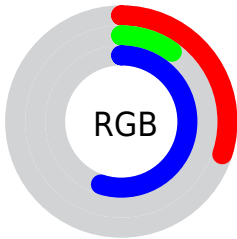
Format	Color
R_{YB}	76, 25, 141
Decimal	4987277
CIE _{Lab}	24.18, 47.19, -54.11
CIE _{LCh}	24, 71.792, 311.093
Yxy	4.1551, 0.2150, 0.1098
Android (android.graphics.Color)	4283177357 (0xFF4C198D)
YUV	53.4730, 43.1508, 19.7562
Hunter-Lab	20.3840, 35.5834, -60.0787

Details

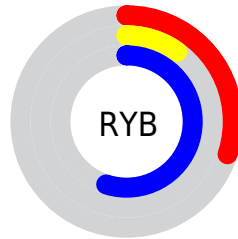
The YIQ color **53.4730, -6.8400, 46.8880** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **112.5270, 6.8400, -46.8880**, and the grayscale version is **53.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **106.1250, -5.7400, 48.9800**, and **14.7450, -19.9500, 31.1700** is the 20% darker color. If you saturate the color by 10%, you get **42.8630, -7.7580, 52.5140**, and if you desaturate by 10%, it is **64.0830, -5.9220, 41.2620**.

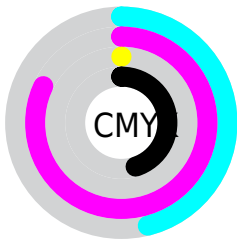
Distribution



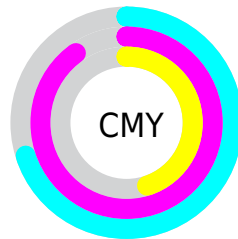
- Red (30%)
- Green (10%)
- Blue (55%)



- Red (30%)
- Yellow (10%)
- Blue (55%)



- Cyan (46%)
- Magenta (82%)
- Yellow (0%)
- Black (45%)



- Cyan (70%)
- Magenta (90%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 53.4730, -6.8400, 46.8880 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 53.4730, -6.8400, 46.8880 by changing the saturation by 10% instead.

■ 53.4730, -6.8400,
46.8880

■ 53.4730, -6.8400,
46.8880

■ 255.0000, -0.0000,
-0.0000

■ 27.4620, -8.3070,
45.9410

■ 106.1250, -5.7400,
48.9800

■ 14.7450, -19.9500,
31.1700

■ 132.3640, -4.9150,
50.5490

■ 7.4100, -20.8650,
20.2150

■ 159.6030, -4.0900,
52.1180

■ 6.5490, -14.3070,
11.4930

■ 184.3510, 5.1270,
44.7670


■ 2.8670, -6.6950,
5.6970


■ 209.1700, 15.5820,
37.0060


■ 0.0000, 0.0000,
0.0000


■ 227.9980, 12.6500,


24.0580


 245.0210, 4.6750,
8.8910


 53.4730, -6.8400,
46.8880


 53.4730, -6.8400,
46.8880


 42.8630, -7.7580,
52.5140

 64.0830, -5.9220,
41.2620

 34.6120, -8.3090,
56.9950

 74.6930, -5.0040,
35.6360

 85.3030, -4.0860,
30.0100

 95.9130, -3.1680,
24.3840

 106.5230, -2.2500,
18.7580

■ 117.4210, -2.2030,
12.3970

■ 128.0310, -1.2850,
6.7710

■ 138.6410, -0.3670,
1.1450

■ 149.2510, 0.5510,
-4.4810

Harmonies

Analogous

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



54.2580, -70.1070, 20.5570



53.4730, -6.8400, 46.8880



49.8850, 47.9020, 57.0060

Triad

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



53.4730, -6.8400, 46.8880



53.3690, 47.1330, -0.6670



53.3900, -45.6170, -15.8010

Complementary

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



53.4730, -6.8400, 46.8880



112.5270, 6.8400, -46.8880

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.



46.0770, -26.4030, -33.6270



53.4730, -6.8400, 46.8880



52.2410, 14.5380, -21.1900

Square

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



53.4730, -6.8400, 46.8880



39.1690, 78.0760, 27.7720



41.6770, -19.5250, -37.1330



59.9050, -62.5840, -0.1520

Rectangle

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



53.4730, -6.8400, 46.8880



49.6680, 67.2060, 48.5660



41.6770, -19.5250, -37.1330



51.2240, -39.5180, -21.7100

Sweetspot

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



53.4730, -6.8400, 46.8880



149.2240, -2.8460, 18.5460



76.9660, -55.3860, 1.5580



70.7800, -1.8360, 11.2520



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

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



53.4730, -6.8400, 46.8880



46.6680, -10.7420, 73.5620



70.5160, 27.1320, 58.9720



65.6950, -0.4590, 2.8130



33.3300, -7.5750, 54.7050



1.8090, -0.7800, 3.1240

Inverse Universe

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



67.0940, 48.2710, 44.8070



68.0460, 75.7300, 70.3060



95.4840, -27.1320, -58.9720



66.5490, 2.8880, 2.7280



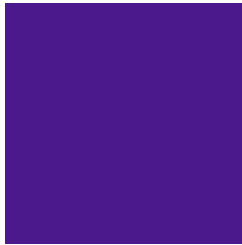
49.0290, 56.0640, 52.2560



2.8480, 3.4840, 2.9400

Previews

White Background



This preview shows how the YIQ color 53.4730, -6.8400, 46.8880 looks on a white background.

Color Contrast Check

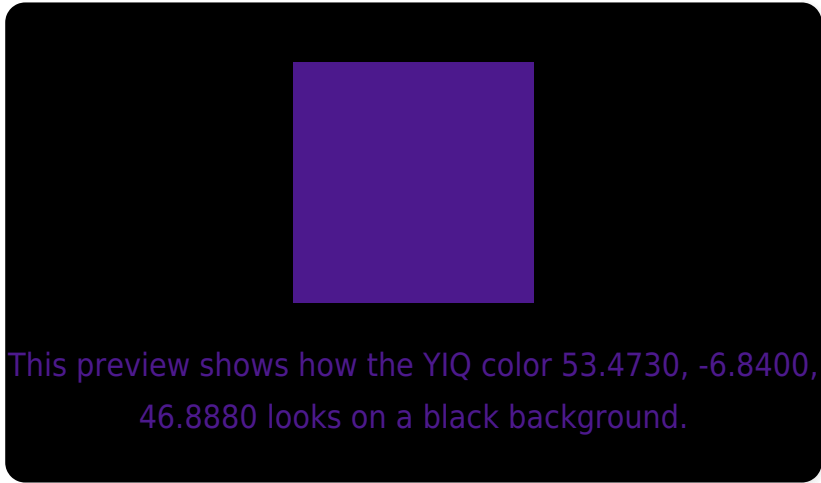
Large Text (above 18pt) WCAG AA ✓ Pass

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

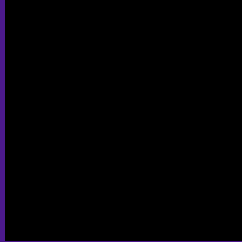
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 53.4730, -6.8400, 46.8880

Background



This preview shows how black text looks on a background with the YIQ color 53.4730, -6.8400, 46.8880.



This preview shows how white text looks on a background with the YIQ color 53.4730, -6.8400,

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

53.4730, -6.8400, 46.8880

Protanopia

47.0250, -53.8740, 7.1980

Deuteranopia

46.8480, -49.2420, 0.3420



Tritanopia

58.5590, -3.0720, 0.6080

Trichromacy



Original Color

53.4730, -6.8400, 46.8880

Protanomaly

49.2650, -36.4540, 21.8980

Deuteranomaly

49.1850, -33.4730, 17.4310

Tritanomaly

56.8000, -4.5880, 17.0760

Monochromacy



Original Color

53.4730, -6.8400, 46.8880

Achromatopsia

53.0000, -0.0000, -0.0000

Achromatomaly

53.1700, -2.7540, 16.8780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 53.4730, -6.8400, 46.8880 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(76, 25, 141)` looks like.

```
.text, #text, p{  
    color:rgb(76, 25, 141)  
}
```

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(76, 25, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 25, 141) }
```

Border

The CSS property to change the border of an element to YIQ 53.4730, -6.8400, 46.8880 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(76, 25, 141) }
```


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

```
.border{ border-color:rgb(76, 25, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 25, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 25, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 25, 141);  
box-shadow:4px 4px 4px 4px rgb(76, 25,  
141) }
```

Background

The CSS property to change the background color of an element to YIQ 53.4730, -6.8400, 46.8880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 25, 141) }
```

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

```
.background{ background-color: rgb(76, 25,  
141) }
```

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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