

Converting Colors

YIQ(47.9800, -38.5240, 59.4280)

Have a look what the booklet for
YIQ(47.9800, -38.5240, 59.4280)
contains.

YIQ(47.9800, -38.5240, 59.4280)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(47.9800, -38.5240,
59.4280)**

Conversions

Conversions Part 1

Format	Color
Hex	3014C0
RGB	48, 20, 192
RGB Percent	19%, 8%, 75%
CMY	0.8116, 0.9216, 0.2473
CMYK	0.75, 0.90, 0.00, 0.25
HSL	250°, 81%, 42%
HSV	250°, 90%, 75%
XYZ	10.9773, 4.9319, 50.2002
YIQ	47.9800, -38.5240, 59.4280

Conversions

Conversions Part 2

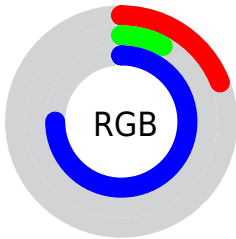
Format	Color
RYB	48, 20, 192
Decimal	3151040
CIELab	26.54, 60.13, -81.16
CIELCh	27, 101.011, 306.535
Yxy	4.9319, 0.1660, 0.0746
Android (android.graphics.Color)	4281341120 (0xFF3014C0)
YUV	47.9800, 71.0019, 0.0175
Hunter-Lab	22.2079, 49.3683, -118.4775

Details

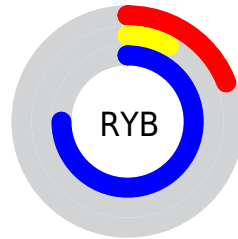
The YIQ color **47.9800, -38.5240, 59.4280** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **164.0200, 38.5240, -59.4280**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **107.5190, -29.6760, 64.2760**, and **15.6180, -43.9770, 42.6070** is the 20% darker color. If you saturate the color by 10%, you get **32.0430, -42.8350, 65.9730**, and if you desaturate by 10%, it is **63.9170, -34.2130, 52.8830**.

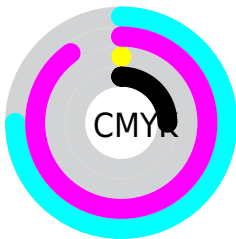
Distribution



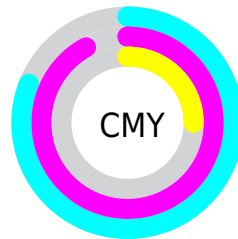
- Red (19%)
- Green (8%)
- Blue (75%)



- Red (19%)
- Yellow (8%)
- Blue (75%)



- Cyan (75%)
- Magenta (90%)
- Yellow (0%)
- Black (25%)



- Cyan (81%)
- Magenta (92%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 47.9800, -38.5240, 59.4280 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 47.9800, -38.5240, 59.4280 by changing the saturation by 10% instead.

■ 47.9800, -38.5240,
59.4280

■ 47.9800, -38.5240,
59.4280

■ 255.0000, -0.0000,
-0.0000

■ 18.6960, -52.6440,
51.0040

■ 107.5190,
-29.6760, 64.2760

■ 15.6180, -43.9770,
42.6070

■ 132.6200,
-19.9550, 58.8050

■ 12.5400, -35.3100,
34.2100

■ 157.1510, -8.6290,
51.7790

■ 15.5600, -30.0350,
21.2050

■ 182.2690, 2.4220,
44.2300

■ 10.3620, -20.9100,
15.5220

■ 207.9740, 13.1980,
36.1580


■ 5.5060, -12.7480,
10.7720

■ 227.9980, 12.6500,


■ 2.2970, -5.0900,


24.0580


4.1420


 245.0210, 4.6750,
8.8910


 0.0000, 0.0000,
0.0000


 47.9800, -38.5240,
59.4280


 47.9800, -38.5240,
59.4280


 32.0430, -42.8350,
65.9730


 63.9170, -34.2130,
52.8830

 31.1570, -43.1560,
66.2840

 79.8540, -29.9020,
46.3380

 96.3780, -25.8660,
39.2700

 112.3150,
-21.5550, 32.7250

 128.2520,
-17.2440, 26.1800

■ 144.1890,
-12.9330, 19.6350

■ 160.1260, -8.6220,
13.0900

■ 176.9490, -3.9900,
6.2340

■ 192.8860, 0.3210,
-0.3110

Harmonies

Analogous

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



68.9740, -92.2540, 30.9620



47.9800, -38.5240, 59.4280



61.6060, 53.7220, 72.6820

Triad

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



47.9800, -38.5240, 59.4280



52.0390, 66.1580, 12.4780



59.4880, -49.0090, -20.4090

Complementary

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



47.9800, -38.5240, 59.4280



164.0200, 38.5240, -59.4280

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.



48.7210, -22.8250, -43.4090



47.9800, -38.5240, 59.4280



57.5790, 19.3980, -21.1620

Square

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



47.9800, -38.5240, 59.4280



49.6340, 98.9360, 35.1920



46.3730, -21.7250, -41.3170



69.4400, -74.2760, 2.4920

Rectangle

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



47.9800, -38.5240, 59.4280



62.4840, 82.8840, 61.7960



46.3730, -21.7250, -41.3170



55.8230, -40.0670, -28.2830

Sweetspot

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



47.9800, -38.5240, 59.4280



193.0410, -15.2720, 23.4800



125.3100, -95.3620, -22.8660



91.3540, -9.2640, 13.7120



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



47.9800, -38.5240, 59.4280



40.7590, -55.8140, 86.4420



73.0960, 11.5400, 77.2360



88.7380, -2.0180, 3.5340



26.1280, -36.1850, 55.5830



5.2570, -7.6130, 11.3230

Inverse Universe

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



87.8440, 56.2880, 81.2480



98.5760, 81.9110, 117.9990



138.9040, -11.5400, -77.2360



90.9020, 3.3920, 4.6080



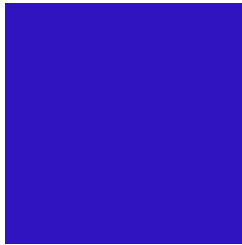
63.4150, 52.9420, 75.8060



13.0590, 10.6800, 15.7040

Previews

White Background



This preview shows how the YIQ color 47.9800, -38.5240, 59.4280 looks on a white background.

Color Contrast Check

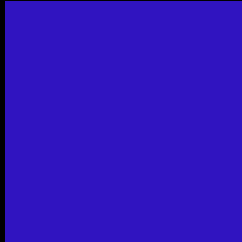
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YIQ color 47.9800, -38.5240, 59.4280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

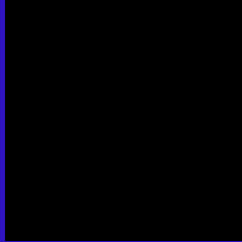
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 47.9800, -38.5240, 59.4280

Background



This preview shows how black text looks on a background with the YIQ color 47.9800, -38.5240, 59.4280.



This preview shows how white text looks on a background with the YIQ color 47.9800, -38.5240,

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

47.9800, -38.5240, 59.4280

Protanopia

50.3990, -57.8630, 7.9050

Deuteranopia

50.5810, -52.8640, -0.0960



Tritanopia

49.5260, -43.0040, -13.5960

Trichromacy



Original Color

47.9800, -38.5240, 59.4280

Protanomaly

49.2990, -50.9890, 26.5070

Deuteranomaly

49.6920, -47.9620, 21.2060

Tritanomaly

48.9450, -41.7250, 12.7950

Monochromacy



Original Color

47.9800, -38.5240, 59.4280

Achromatopsia

48.0000, -0.0000, 0.0000

Achromatomaly

48.0580, -13.9420, 21.4020

CSS Examples

Text

The CSS property to change the color of the text to YIQ 47.9800, -38.5240, 59.4280 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(48, 20, 192)` looks like.

```
.text, #text, p{  
    color:rgb(48, 20, 192)  
}
```

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(48, 20, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 20, 192) }
```

Border

The CSS property to change the border of an element to YIQ 47.9800, -38.5240, 59.4280 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(48, 20, 192) }
```


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

```
.border{ border-color:rgb(48, 20, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 20, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 20, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 20, 192);  
box-shadow:4px 4px 4px 4px rgb(48, 20,  
192) }
```

Background

The CSS property to change the background color of an element to YIQ 47.9800, -38.5240, 59.4280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 20, 192) }
```

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

```
.background{ background-color: rgb(48, 20,  
192) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor