

Converting Colors

YIQ(98.2380, -49.0190, 34.8610)

Have a look what the booklet for
YIQ(98.2380, -49.0190, 34.8610)
contains.

YIQ(98.2380, -49.0190, 34.8610)	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(98.2380, -49.0190,
34.8610)**

Conversions

Conversions Part 1

Format	Color
Hex	4959D4
RGB	73, 89, 212
RGB Percent	29%, 35%, 83%
CMY	0.7137, 0.6510, 0.1689
CMYK	0.66, 0.58, 0.00, 0.17
HSL	233°, 62%, 56%
HSV	233°, 66%, 83%
XYZ	18.1957, 13.3125, 63.8490
YIQ	98.2380, -49.0190, 34.8610

Conversions

Conversions Part 2

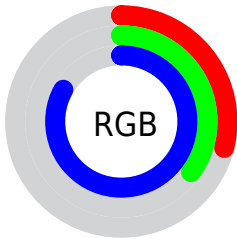
Format	Color
R_{YB}	73, 87, 212
Decimal	4807124
CIE _{Lab}	43.23, 32.87, -65.28
CIE _{LCh}	43, 73.087, 296.723
Yxy	13.3125, 0.1908, 0.1396
Android (android.graphics.Color)	4282997204 (0xFF4959D4)
YUV	98.2380, 56.0847, -22.1337
Hunter-Lab	36.4863, 25.1668, -78.2138

Details

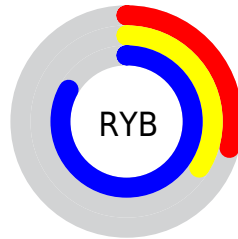
The YIQ color **98.2380, -49.0190, 34.8610** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted blue. A complement of this color would be **186.7620, 49.0190, -34.8610**, and the grayscale version is **98.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **151.3270, -39.0240, 35.4400**, and **43.6120, -62.1760, 25.5040** is the 20% darker color. If you saturate the color by 10%, you get **80.8060, -56.3100, 40.3460**, and if you desaturate by 10%, it is **115.6700, -41.7280, 29.3760**.

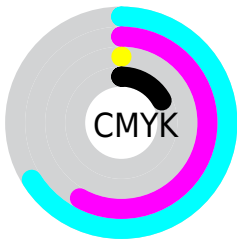
Distribution



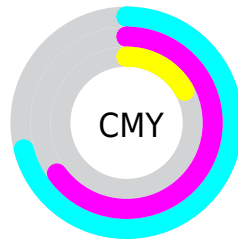
- Red (29%)
- Green (35%)
- Blue (83%)



- Red (29%)
- Yellow (34%)
- Blue (83%)



- Cyan (66%)
- Magenta (58%)
- Yellow (0%)
- Black (17%)



- Cyan (71%)
- Magenta (65%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 98.2380, -49.0190, 34.8610 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 98.2380, -49.0190, 34.8610 by changing the saturation by 10% instead.

■ 98.2380, -49.0190,
34.8610

■ 98.2380, -49.0190,
34.8610

■ 255.0000, -0.0000,
-0.0000

■ 69.5850, -57.5460,
29.7020

■ 151.3270,
-39.0240, 35.4400

■ 43.6120, -62.1760,
25.5040

■ 175.5590,
-28.2940, 28.2020

■ 28.7940, -48.0090,
27.5670

■ 200.3780,
-17.8390, 20.4410

■ 13.0300, -33.9340,
31.2980

■ 225.7840, -7.6590,
12.1570

■ 13.0010, -26.9630,
20.5970

■ 251.4780, 1.6500,
3.1380

■ 9.2050, -19.0300,
14.4900

■ 4.8220, -10.8220,

8.9060

■ 0.5700, -1.6050,
1.5550

■ 0.0000, 0.0000,
0.0000

■ 98.2380, -49.0190,
34.8610

■ 98.2380, -49.0190,
34.8610

■ 80.8060, -56.3100,
40.3460

■ 115.6700,
-41.7280, 29.3760

■ 63.9610, -63.8760,
45.3080

■ 133.1020,
-34.4370, 23.8910

■ 46.2300, -71.7630,
50.5810

■ 150.2460,
-26.2750, 19.1410

■ 38.2560, -74.6520,
53.3800

■ 167.6780,
-18.9840, 13.6560

■ 185.1100,
-11.6930, 8.1710

■ 202.5420, -4.4020,
2.6860

■ 219.3870, 3.1640,
-2.2760

■ 237.1180, 11.0510,
-7.5490

■ 250.0980, 13.8030,
-13.3730

Harmonies

Analogous

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



91.3940, -103.0250, 11.3990



98.2380, -49.0190, 34.8610



98.9510, 30.3410, 61.3890

Triad

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



98.2380, -49.0190, 34.8610



92.5290, 84.7290, 0.8010



84.5640, -64.5030, -36.9750

Complementary

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



98.2380, -49.0190, 34.8610



186.7620, 49.0190, -34.8610

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.



75.1650, -42.1710, -56.2430



98.2380, -49.0190, 34.8610



96.6950, 51.1260, -23.4820

Square

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



98.2380, -49.0190, 34.8610



80.1150, 96.5040, 46.2320



88.1470, 10.9660, -44.5700



92.2190, -84.6800, -18.2160

Rectangle

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



98.2380, -49.0190, 34.8610



78.9240, 70.5020, 76.9500



88.1470, 10.9660, -44.5700



82.1700, -57.7620, -43.5060

Sweetspot

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



98.2380, -49.0190, 34.8610



213.3360, -18.0210, 12.7230



168.6150, -77.7080, -34.4440



102.2950, -10.7760, 8.0720



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



98.2380, -49.0190, 34.8610



90.4150, -70.8460, 50.4820



104.6930, -13.0310, 54.4650



98.4280, -4.0810, 2.3750



31.2340, -60.3910, 42.7210



7.8370, -15.1780, 10.7580

Inverse Universe

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



116.3850, 77.7080, 34.4440



116.7210, 112.4130, 49.7650



180.3070, 13.0310, -54.4650



99.5170, 5.9140, 2.9540



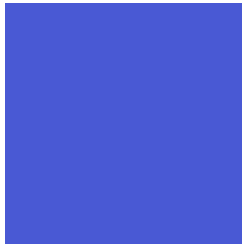
53.4090, 95.4960, 42.4720



13.4270, 24.0230, 10.6710

Previews

White Background



This preview shows how the YIQ color 98.2380, -49.0190, 34.8610 looks on a white background.

Color Contrast Check

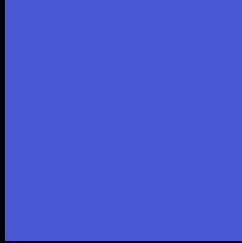
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 98.2380, -49.0190, 34.8610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

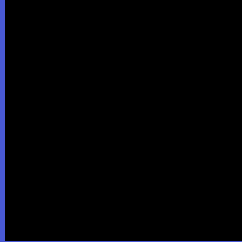
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 98.2380, -49.0190, 34.8610

Background



This preview shows how black text looks on a background with the YIQ color 98.2380, -49.0190, 34.8610.



This preview shows how white text looks on a background with the YIQ color 98.2380, -49.0190,

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

98.2380, -49.0190, 34.8610

Protanopia

81.2380, -93.7180, 13.4340

Deuteranopia

81.5680, -86.3800, 1.5880



Tritanopia

80.2390, -70.2370, -21.1570

Trichromacy



Original Color

98.2380, -49.0190, 34.8610

Protanomaly

87.6640, -77.1220, 21.0380

Deuteranomaly

88.0740, -72.7650, 13.6590

Tritanomaly

86.7910, -62.2630, -0.4630

Monochromacy



Original Color

98.2380, -49.0190, 34.8610

Achromatopsia

98.0000, -0.0000, -0.0000

Achromatomaly

98.2220, -17.7000, 12.4120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 98.2380, -49.0190, 34.8610 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(73, 89, 212)` looks like.

```
.text, #text, p{  
    color:rgb(73, 89, 212)  
}
```

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(73, 89, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 89, 212) }
```

Border

The CSS property to change the border of an element to YIQ 98.2380, -49.0190, 34.8610 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(73, 89, 212) }
```


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

```
.border{ border-color:rgb(73, 89, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 89, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 89, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 89, 212);  
box-shadow:4px 4px 4px 4px rgb(73, 89,  
212) }
```

Background

The CSS property to change the background color of an element to YIQ 98.2380, -49.0190, 34.8610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 89, 212) }
```

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

```
.background{ background-color: rgb(73, 89,  
212) }
```

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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