

Converting Colors

YIQ(50.9270, -49.3410, 40.6990)

Have a look what the booklet for
YIQ(50.9270, -49.3410, 40.6990)
contains.

YIQ(50.9270, -49.3410, 40.6990)	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(50.9270, -49.3410,
40.6990)**

Conversions

Conversions Part 1

Format	Color
Hex	1D26AF
RGB	29, 38, 175
RGB Percent	11%, 15%, 69%
CMY	0.8862, 0.8510, 0.3140
CMYK	0.83, 0.78, 0.00, 0.31
HSL	236°, 72%, 40%
HSV	236°, 83%, 69%
XYZ	8.9307, 4.7401, 40.9620
YIQ	50.9270, -49.3410, 40.6990

Conversions

Conversions Part 2

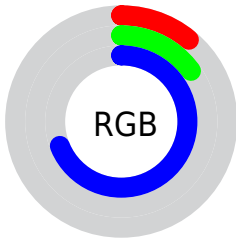
Format	Color
R_{YB}	29, 37, 175
Decimal	1910447
CIE Lab	25.98, 46.36, -72.00
CIE LCh	26, 85.631, 302.777
Yxy	4.7401, 0.1635, 0.0868
Android (android.graphics.Color)	4280100527 (0xFF1D26AF)
YUV	50.9270, 61.1680, -19.2300
Hunter-Lab	21.7717, 35.1199, -96.3102

Details

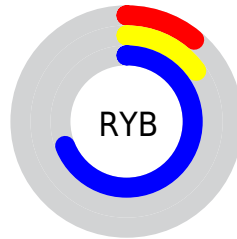
The YIQ color $50.9270, -49.3410, 40.6990$ is a dark color, and the websafe version is hex $3333CC$. A complement of this color would be $153.0730, 49.3410, -40.6990$, and the grayscale version is $50.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $107.1400, -36.4590, 49.5330$, and $13.7940, -38.8410, 37.6310$ is the 20% darker color. If you saturate the color by 10%, you get $36.4520, -55.0730, 45.4630$, and if you desaturate by 10%, it is $65.7010, -43.0130, 36.1470$.

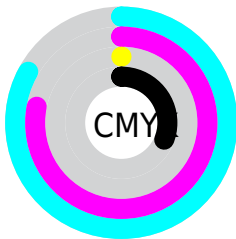
Distribution



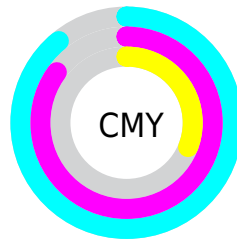
- Red (11%)
- Green (15%)
- Blue (69%)



- Red (11%)
- Yellow (15%)
- Blue (69%)



- Cyan (83%)
- Magenta (78%)
- Yellow (0%)
- Black (31%)



- Cyan (89%)
- Magenta (85%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 50.9270, -49.3410, 40.6990 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 50.9270, -49.3410, 40.6990 by changing the saturation by 10% instead.

■ 50.9270, -49.3410,
40.6990

■ 50.9270, -49.3410,
40.6990

■ 255.0000, -0.0000,
-0.0000

■ 25.6770, -51.6330,
38.1830

■ 107.1400,
-36.4590, 49.5330

■ 13.7940, -38.8410,
37.6310

■ 133.7060,
-32.2410, 50.1830

■ 10.8300, -30.4950,
29.5450

■ 157.9380,
-21.5110, 42.9450

■ 12.6760, -24.6700,
17.5860

■ 182.7570,
-11.0560, 35.1840

■ 7.7060, -16.1870,
12.5250

■ 207.8750, -0.0050,
27.6350

■ 3.4370, -8.3000,
7.2520

■ 233.2810, 10.1750,

■ 0.0000, 0.0000,

19.3510

0.0000

250.3040, 2.2000,
4.1840

50.9270, -49.3410,
40.6990

50.9270, -49.3410,
40.6990

36.4520, -55.0730,
45.4630

65.7010, -43.0130,
36.1470

26.4070, -59.2000,
48.6720

80.7630, -37.5560,
30.8600

95.5370, -31.2280,
26.3080

110.5990,
-25.7710, 21.0210

125.0740,
-20.0390, 16.2570

■ 140.4350,
-13.9860, 11.1820

■ 154.9100, -8.2540,
6.4180

■ 169.6840, -1.9260,
1.8660

■ 184.7460, 3.5310,
-3.4210

Harmonies

Analogous

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



64.7220, -83.0370, 23.6110



50.9270, -49.3410, 40.6990



54.9850, 42.1690, 67.2970

Triad

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



50.9270, -49.3410, 40.6990



51.4410, 64.9660, 12.0540



55.6580, -43.7360, -22.3600

Complementary

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



50.9270, -49.3410, 40.6990



153.0730, 49.3410, -40.6990

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.



46.9600, -22.0000, -41.8400



50.9270, -49.3410, 40.6990



57.6230, 25.2660, -17.3740

Square

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



50.9270, -49.3410, 40.6990



46.3450, 92.3800, 32.8600



44.0250, -20.6250, -39.2250



64.3560, -65.4720, -2.8800

Rectangle

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



50.9270, -49.3410, 40.6990



56.9600, 69.6800, 58.8000



44.0250, -20.6250, -39.2250



53.0360, -36.3530, -29.5130

Sweetspot

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



50.9270, -49.3410, 40.6990



178.8460, -19.3970, 15.6350



130.2060, -83.8060, -34.0620



85.1640, -11.7850, 9.8390



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



50.9270, -49.3410, 40.6990



34.0960, -76.7170, 63.2750



64.4810, -9.3180, 58.7620



79.6130, -3.1640, 2.2760



22.3830, -50.6250, 41.9430



3.2090, -7.6580, 6.6300

Inverse Universe

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



73.6800, 84.1270, 33.7510



69.4690, 130.7980, 52.4780



139.5190, 9.3180, -58.7620



80.8050, 5.0430, 2.2190



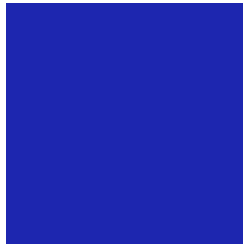
45.8760, 86.5110, 34.5990



6.9910, 13.3870, 5.1870

Previews

White Background



This preview shows how the YIQ color 50.9270, -49.3410, 40.6990 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 50.9270, -49.3410, 40.6990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

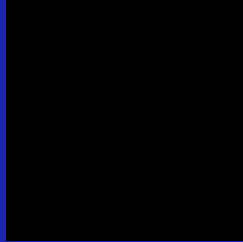
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 50.9270, -49.3410, 40.6990

Background



This preview shows how black text looks on a background with the YIQ color 50.9270, -49.3410, 40.6990.



This preview shows how white text looks on a background with the YIQ color 50.9270, -49.3410,

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

50.9270, -49.3410, 40.6990

Protanopia

49.4700, -56.6250, 7.4950

Deuteranopia

49.6520, -51.6260, -0.5060



Tritanopia

48.7110, -42.0870, -13.6950

Trichromacy



Original Color

50.9270, -49.3410, 40.6990

Protanomaly

50.1150, -53.6470, 19.6090

Deuteranomaly

50.5080, -50.6200, 14.3080

Tritanomaly

49.7610, -44.3830, 5.8970

Monochromacy



Original Color

50.9270, -49.3410, 40.6990

Achromatopsia

51.0000, -0.0000, -0.0000

Achromatomaly

50.8030, -17.8380, 14.9140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 50.9270, -49.3410, 40.6990 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(29, 38, 175)` looks like.

```
.text, #text, p{  
    color:rgb(29, 38, 175)  
}
```

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(29, 38, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 38, 175) }
```

Border

The CSS property to change the border of an element to YIQ 50.9270, -49.3410, 40.6990 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(29, 38, 175) }
```


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

```
.border{ border-color:rgb(29, 38, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 38, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 38, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 38, 175);  
box-shadow:4px 4px 4px 4px rgb(29, 38,  
175) }
```

Background

The CSS property to change the background color of an element to YIQ 50.9270, -49.3410, 40.6990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 38, 175) }
```

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

```
.background{ background-color: rgb(29, 38,  
175) }
```

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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