

Converting Colors

YIQ(76.1910, -41.6370, 33.2350)

Have a look what the booklet for
YIQ(76.1910, -41.6370, 33.2350)
contains.

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Color

**YIQ(76.1910, -41.6370,
33.2350)**

Conversions

Conversions Part 1

Format	Color
Hex	3942B3
RGB	57, 66, 179
RGB Percent	22%, 26%, 70%
CMY	0.7764, 0.7412, 0.2983
CMYK	0.68, 0.63, 0.00, 0.30
HSL	236°, 52%, 46%
HSV	236°, 68%, 70%
XYZ	11.7667, 8.0192, 43.5413
YIQ	76.1910, -41.6370, 33.2350

Conversions

Conversions Part 2

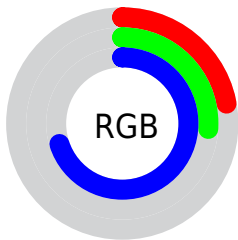
Format	Color
RYB	57, 65, 179
Decimal	3752627
CIELab	34.02, 33.58, -61.10
CIELCh	34, 69.721, 298.793
Yxy	8.0192, 0.1858, 0.1266
Android (android.graphics.Color)	4281942707 (0xFF3942B3)
YUV	76.1910, 50.6848, -16.8305
Hunter-Lab	28.3182, 24.6129, -71.3401

Details

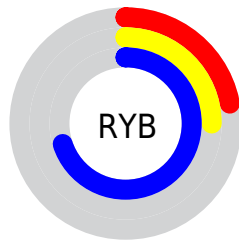
The YIQ color **76.1910, -41.6370, 33.2350** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **159.8090, 41.6370, -33.2350**, and the grayscale version is **76.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **129.4030, -36.1820, 39.0020**, and **27.7510, -46.4500, 26.8460** is the 20% darker color. If you saturate the color by 10%, you get **60.8300, -47.6900, 38.3100**, and if you desaturate by 10%, it is **91.5520, -35.5840, 28.1600**.

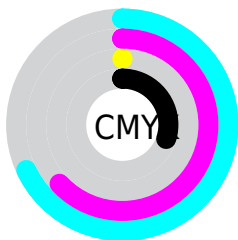
Distribution



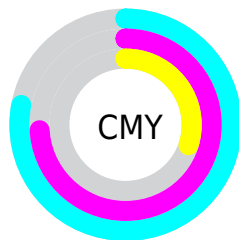
- Red (22%)
- Green (26%)
- Blue (70%)



- Red (22%)
- Yellow (25%)
- Blue (70%)



- Cyan (68%)
- Magenta (63%)
- Yellow (0%)
- Black (30%)



- Cyan (78%)
- Magenta (74%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 76.1910, -41.6370, 33.2350 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 76.1910, -41.6370, 33.2350 by changing the saturation by 10% instead.

■ 76.1910, -41.6370,
33.2350

■ 76.1910, -41.6370,
33.2350

■ 255.0000, -0.0000,
-0.0000

■ 46.1460, -54.9320,
26.3800

■ 129.4030,
-36.1820, 39.0020

■ 27.7510, -46.4500,
26.8460

■ 155.5020,
-32.1470, 37.4610

■ 12.4600, -32.3290,
29.7430

■ 179.4350,
-22.0130, 30.0110

■ 10.1970, -24.5790,
21.4450

■ 204.2540,
-11.5580, 22.2500

■ 8.1620, -17.4710,
13.7690

■ 229.6600, -1.3780,
13.9660

■ 4.4800, -9.8590,
7.9730

■ 252.0650, 1.3750,

■ 0.0000, 0.0000,

2.6150

0.0000

■ 76.1910, -41.6370,
33.2350

■ 76.1910, -41.6370,
33.2350

■ 60.8300, -47.6900,
38.3100

■ 91.5520, -35.5840,
28.1600

■ 46.0560, -54.0180,
42.8620

■ 106.3260,
-29.2560, 23.6080

■ 30.6950, -60.0710,
47.9370

■ 121.6870,
-23.2030, 18.5330

■ 28.0370, -61.0340,
48.8700

■ 136.4610,
-16.8750, 13.9810

■ 151.5230,
-11.4180, 8.6940

■ 166.2970, -5.0900,
4.1420

■ 181.6580, 0.9630,
-0.9330

■ 197.0190, 7.0160,
-6.0080

■ 211.7930, 13.3440,
-10.5600

Harmonies

Analogous

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



74.2450, -86.4280, 13.4760



76.1910, -41.6370, 33.2350



69.6310, 34.2380, 62.3500

Triad

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



76.1910, -41.6370, 33.2350



72.3950, 70.6070, 3.4310



67.9510, -52.1710, -29.1870

Complementary

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



76.1910, -41.6370, 33.2350



159.8090, 41.6370, -33.2350

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.



58.7800, -30.4810, -47.8330



76.1910, -41.6370, 33.2350



75.3980, 39.0210, -18.8590

Square

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



76.1910, -41.6370, 33.2350



53.4670, 89.5810, 45.0450



67.1600, 0.9240, -38.7880



75.0360, -70.7430, -11.9830

Rectangle

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



76.1910, -41.6370, 33.2350



61.0770, 65.2770, 67.0130



67.1600, 0.9240, -38.7880



65.7850, -46.0720, -35.0960

Sweetspot

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



76.1910, -41.6370, 33.2350



193.0050, -15.5910, 12.7370



141.3820, -69.5020, -28.9740



93.3660, -9.5380, 7.6620



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



76.1910, -41.6370, 33.2350



71.8780, -64.8400, 51.7680



86.1570, -8.7660, 48.7540



81.6130, -3.1640, 2.2760



23.8990, -52.1380, 41.8300



4.1380, -8.8960, 7.0400

Inverse Universe

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



94.5040, 69.8230, 28.6630



100.4060, 108.7460, 44.6340



149.8430, 8.7660, -48.7540



82.8050, 5.0430, 2.2190



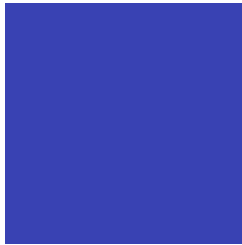
47.0010, 87.6570, 35.8570



8.0020, 14.8540, 6.1340

Previews

White Background



This preview shows how the YIQ color 76.1910, -41.6370, 33.2350 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 76.1910, -41.6370, 33.2350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

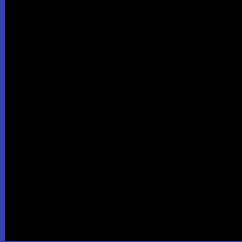
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 76.1910, -41.6370, 33.2350

Background



This preview shows how black text looks on a background with the YIQ color 76.1910, -41.6370, 33.2350.



This preview shows how white text looks on a background with the YIQ color 76.1910, -41.6370,

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

76.1910, -41.6370, 33.2350

Protanopia

63.7810, -73.4980, 10.4220

Deuteranopia

64.0940, -67.4900, 0.6540



Tritanopia

63.0730, -54.9700, -17.0020

Trichromacy



Original Color

76.1910, -41.6370, 33.2350

Protanomaly

68.3960, -61.8080, 18.8320

Deuteranomaly

68.4470, -57.8180, 12.5980

Tritanomaly

68.1900, -50.2050, 1.2750

Monochromacy



Original Color

76.1910, -41.6370, 33.2350

Achromatopsia

76.0000, -0.0000, -0.0000

Achromatomaly

75.7770, -14.9490, 12.1150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 76.1910, -41.6370, 33.2350 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(57, 66, 179)` looks like.

```
.text, #text, p{  
    color:rgb(57, 66, 179)  
}
```

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(57, 66, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 66, 179) }
```

Border

The CSS property to change the border of an element to YIQ 76.1910, -41.6370, 33.2350 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(57, 66, 179) }
```


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

```
.border{ border-color:rgb(57, 66, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 66, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 66, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 66, 179);  
box-shadow:4px 4px 4px 4px rgb(57, 66,  
179) }
```

Background

The CSS property to change the background color of an element to YIQ 76.1910, -41.6370, 33.2350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 66, 179) }
```

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

```
.background{ background-color: rgb(57, 66,  
179) }
```

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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