

Converting Colors

YIQ(34.3330, -72.4100, 78.8380)

Have a look what the booklet for
YIQ(34.3330, -72.4100, 78.8380)
contains.

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Color

**YIQ(34.3330, -72.4100,
78.8380)**

Conversions

Conversions Part 1

Format	Color
Hex	0E03F9
RGB	14, 3, 249
RGB Percent	5%, 1%, 98%
CMY	0.9447, 0.9883, 0.0240
CMYK	0.94, 0.99, 0.00, 0.02
HSL	243°, 98%, 49%
HSV	243°, 99%, 98%
XYZ	17.2942, 6.9907, 89.9607
YIQ	34.3330, -72.4100, 78.8380

Conversions

Conversions Part 2

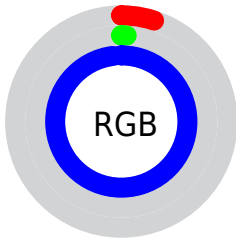
Format	Color
R_{YB}	14, 3, 249
Decimal	918521
CIE Lab	31.79, 77.36, -105.28
CIE LCh	32, 130.644, 306.307
Yxy	6.9907, 0.1514, 0.0612
Android (android.graphics.Color)	4279108601 (0xFF0E03F9)
YUV	34.3330, 105.8308, -17.8320
Hunter-Lab	26.4400, 70.4857, -183.2235

Details

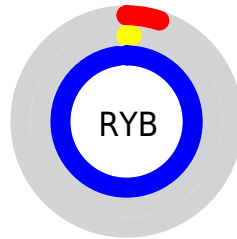
The YIQ color **34.3330, -72.4100, 78.8380** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark saturated blue. A complement of this color would be **217.6670, 72.4100, -78.8380**, and the grayscale version is **33.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **107.5130, -29.5390, 67.3010**, and **21.7740, -61.3110, 59.4010** is the 20% darker color. If you saturate the color by 10%, you get **31.6750, -73.3730, 79.7710**, and if you desaturate by 10%, it is **56.1840, -64.9810, 70.8510**.

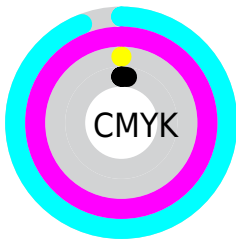
Distribution



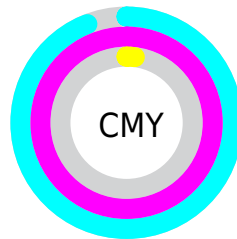
- Red (5%)
- Green (1%)
- Blue (98%)



- Red (5%)
- Yellow (1%)
- Blue (98%)



- Cyan (94%)
- Magenta (99%)
- Yellow (0%)
- Black (2%)



- Cyan (94%)
- Magenta (99%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 34.3330, -72.4100, 78.8380 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 34.3330, -72.4100, 78.8380 by changing the saturation by 10% instead.

■ 34.3330, -72.4100,
78.8380

■ 34.3330, -72.4100,
78.8380

■ 255.0000, -0.0000,
-0.0000

■ 24.9660, -70.2990,
68.1090

■ 107.5130,
-29.5390, 67.3010

■ 21.6600, -60.9900,
59.0900

■ 134.1260,
-15.5080, 60.8120

■ 18.4680, -52.0020,
50.3820

■ 160.7280, -2.9440,
53.3760

■ 15.3900, -43.3350,
41.9850

■ 186.4440, 9.2990,
46.2510

■ 22.8780, -39.6180,
24.1740

■ 212.7360, 19.8000,
37.6560


■ 15.9190, -29.6680,
20.0600


■ 229.1720, 12.1000,


■ 10.2480, -20.5890,


23.0120


15.2110


 246.7820, 3.8500,
7.3220


 5.2780, -12.1060,
10.1500


 1.3680, -3.8520,
3.7320


 34.3330, -72.4100,
78.8380


 34.3330, -72.4100,
78.8380

 31.6750, -73.3730,
79.7710

 56.1840, -64.9810,
70.8510

 78.0350, -57.5520,
62.8640

 99.5870, -50.7190,
54.6650

 121.4380,
-43.2900, 46.6780

■ 142.7020,
-35.5860, 39.2140

■ 164.5530,
-28.1570, 31.2270

■ 186.1050,
-21.3240, 23.0280

■ 207.9560,
-13.8950, 15.0410

■ 229.8070, -6.4660,
7.0540

Harmonies

Analogous

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



83.0740, -107.1550, 31.1890



34.3330, -72.4100, 78.8380



78.0400, 67.8400, 92.1600

Triad

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



34.3330, -72.4100, 78.8380



53.3780, 87.6130, 25.6370



71.4050, -59.1410, -24.0130

Complementary

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



34.3330, -72.4100, 78.8380



217.6670, 72.4100, -78.8380

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.



58.7000, -27.5000, -52.3000



34.3330, -72.4100, 78.8380



68.7870, 21.5080, -26.3640

Square

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



34.3330, -72.4100, 78.8380



62.4910, 124.5640, 44.3080



55.7650, -26.1250, -49.6850



85.4950, -93.3040, 5.9280

Rectangle

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



34.3330, -72.4100, 78.8380



78.7740, 106.0350, 77.2590



55.7650, -26.1250, -49.6850



66.6000, -46.9890, -34.9970

Sweetspot

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



34.3330, -72.4100, 78.8380



188.5610, -22.6080, 24.2720



170.7500, -144.4160, -47.9680



87.8420, -13.5740, 14.7300



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.



34.3330, -72.4100, 78.8380



32.6580, -74.7030, 81.8490



70.2130, -0.8900, 104.2780



113.7810, -3.5770, 4.2550



24.2370, -55.3050, 60.6870



7.8510, -17.7930, 19.6070

Inverse Universe

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



103.3440, 71.1810, 125.2370



103.9470, 73.9770, 129.6330



181.7870, 0.8900, -104.2780



117.2550, 3.8960, 6.4880



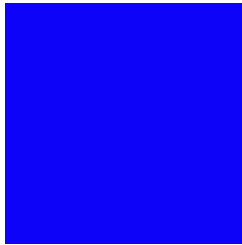
77.0310, 54.8640, 96.0480



24.8510, 17.7380, 30.9700

Previews

White Background



This preview shows how the YIQ color 34.3330, -72.4100, 78.8380 looks on a white background.

Color Contrast Check

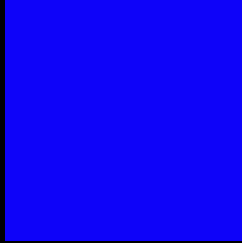
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.3330, -72.4100, 78.8380 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 34.3330, -72.4100, 78.8380

Background



This preview shows how black text looks on a background with the YIQ color 34.3330, -72.4100, 78.8380.



This preview shows how white text looks on a background with the YIQ color 34.3330, -72.4100,

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

34.3330, -72.4100, 78.8380

Protanopia

60.2930, -69.1880, 9.4040

Deuteranopia

60.4920, -62.8590, -0.6750



Tritanopia

59.3400, -51.3480, -16.5640

Trichromacy



Original Color

34.3330, -72.4100, 78.8380

Protanomaly

51.1030, -70.5680, 34.4240

Deuteranomaly

51.1540, -66.5780, 28.1900

Tritanomaly

50.5380, -59.3320, 18.0120

Monochromacy



Original Color

34.3330, -72.4100, 78.8380

Achromatopsia

34.0000, -0.0000, 0.0000

Achromatomaly

34.3420, -26.1850, 28.5270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 34.3330, -72.4100, 78.8380 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(14, 3, 249)` looks like.

```
.text, #text, p{  
    color:rgb(14, 3, 249)  
}
```

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(14, 3, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 3, 249) }
```

Border

The CSS property to change the border of an element to YIQ 34.3330, -72.4100, 78.8380 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(14, 3, 249) }
```


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

```
.border{ border-color:rgb(14, 3, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(14, 3, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 3, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 3, 249);  
box-shadow:4px 4px 4px 4px rgb(14, 3, 249)  
}
```

Background

The CSS property to change the background color of an element to YIQ 34.3330, -72.4100, 78.8380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 3, 249) }
```

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

```
.background{ background-color: rgb(14, 3,  
249) }
```

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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