

Converting Colors

YIQ(47.0320, -71.8060, 34.8340)

Have a look what the booklet for
YIQ(47.0320, -71.8060, 34.8340)
contains.

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Color

**YIQ(47.0320, -71.8060,
34.8340)**

Conversions

Conversions Part 1

Format	Color
Hex	002CBA
RGB	0, 44, 186
RGB Percent	0%, 17%, 73%
CMY	0.9999, 0.8274, 0.2710
CMYK	1.00, 0.76, 0.00, 0.27
HSL	226°, 100%, 36%
HSV	226°, 100%, 73%
XYZ	9.7536, 5.3437, 46.9156
YIQ	47.0320, -71.8060, 34.8340

Conversions

Conversions Part 2

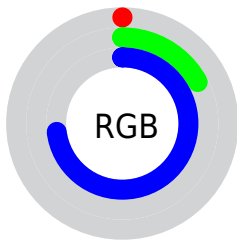
Format	Color
R_{YB}	0, 36, 186
Decimal	11450
CIE _{Lab}	27.69, 45.76, -75.73
CIE _{LCh}	28, 88.480, 301.143
Yxy	5.3437, 0.1573, 0.0862
Android (android.graphics.Color)	4278201530 (0xFF002CBA)
YUV	47.0320, 68.5112, -41.2471
Hunter-Lab	23.1164, 34.8618, -104.1501

Details

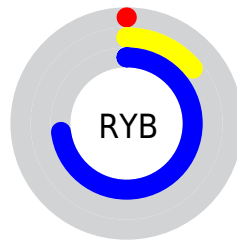
The YIQ color **47.0320, -71.8060, 34.8340** is a dark color, and the websafe version is hex **0033CC**. A complement of this color would be **138.9680, 71.8060, -34.8340**, and the grayscale version is **46.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **110.4210, -44.6200, 48.7560**, and **17.2820, -43.1510, 38.6490** is the 20% darker color. If you saturate the color by 10%, you get **47.0320, -71.8060, 34.8340**, and if you desaturate by 10%, it is **60.9310, -64.3320, 31.5400**.

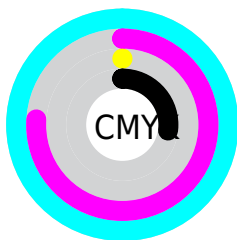
Distribution



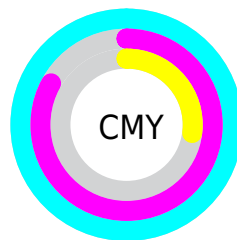
- Red (0%)
- Green (17%)
- Blue (73%)



- Red (0%)
- Yellow (14%)
- Blue (73%)



- Cyan (100%)
- Magenta (76%)
- Yellow (0%)
- Black (27%)



- Cyan (100%)
- Magenta (83%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 47.0320, -71.8060, 34.8340 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 47.0320, -71.8060, 34.8340 by changing the saturation by 10% instead.

■ 47.0320, -71.8060,
34.8340

■ 47.0320, -71.8060,
34.8340

■ 255.0000, -0.0000,
-0.0000

■ 30.9260, -56.7680,
37.6320

■ 110.4210,
-44.6200, 48.7560

■ 17.2820, -43.1510,
38.6490

■ 136.0320,
-36.2750, 46.1970

■ 11.9700, -33.7050,
32.6550

■ 160.5630,
-24.9490, 39.1710

■ 14.9900, -28.4300,
19.6500

■ 185.3820,
-14.4940, 31.4100

■ 9.3190, -19.3510,
14.8010

■ 210.5000, -3.4430,
23.8610

■ 4.9360, -11.1430,
9.2170

■ 236.2050, 7.3330,

■ 0.7980, -2.2470,

15.7890

2.1770

253.8260, 0.5500,
1.0460

■ 0.0000, 0.0000,
0.0000

■ 47.0320, -71.8060,
34.8340

■ 60.9310, -64.3320,
31.5400

■ 74.5310, -57.4540,
28.0340

■ 89.0170, -50.2550,
24.2170

■ 102.6170,
-43.3770, 20.7110

■ 116.5160,
-35.9030, 17.4170

■ 130.4150,
-28.4290, 14.1230

■ 144.0150,
-21.5510, 10.6170

■ 158.5010,
-14.3520, 6.8000

■ 172.1010, -7.4740,
3.2940

Harmonies

Analogous

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



68.7970, -87.6220, 24.1060



47.0320, -71.8060, 34.8340



57.6200, 41.9390, 71.4670

Triad

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



47.0320, -71.8060, 34.8340



52.9580, 70.8800, 15.0080



58.7070, -45.4320, -24.6640

Complementary

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



47.0320, -71.8060, 34.8340



138.9680, 71.8060, -34.8340

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.



49.8950, -23.3750, -44.4550



47.0320, -71.8060, 34.8340



61.7760, 29.2090, -17.2470

Square

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



47.0320, -71.8060, 34.8340



49.0360, 97.7440, 34.7680



46.3730, -21.7250, -41.3170



67.7470, -68.1310, -4.2510

Rectangle

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



47.0320, -71.8060, 34.8340



60.0790, 70.9630, 63.0830



46.3730, -21.7250, -41.3170



55.2700, -37.1320, -31.9160

Sweetspot

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



47.0320, -71.8060, 34.8340



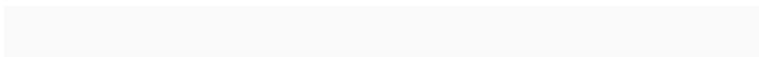
188.1870, -27.7870, 13.5010



125.0280, -95.7690, -54.0490



89.4730, -17.1490, 7.9310



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



47.0320, -71.8060, 34.8340



61.0470, -93.3570, 45.4510



35.2570, -31.6940, 67.8100



85.2000, -3.4390, 1.7530



39.5030, -60.2510, 29.1650



7.3010, -10.9130, 5.0470

Inverse Universe

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



60.6300, 96.7320, 53.1160



78.8560, 125.9350, 69.0310



150.7430, 31.6940, -67.8100



85.9190, 4.7220, 2.5300



50.8620, 81.0990, 44.5790



9.1700, 14.4410, 8.1130

Previews

White Background



This preview shows how the YIQ color 47.0320, -71.8060, 34.8340 looks on a white background.

Color Contrast Check

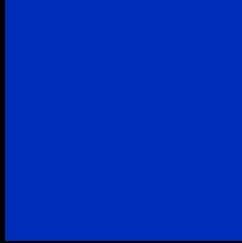
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.0320, -71.8060, 34.8340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

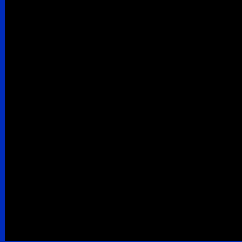
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 47.0320, -71.8060, 34.8340

Background



This preview shows how black text looks on a background with the YIQ color 47.0320, -71.8060, 34.8340.



This preview shows how white text looks on a background with the YIQ color 47.0320, -71.8060,

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

47.0320, -71.8060, 34.8340

Deuteranopia

52.7980, -54.9730, -0.4210

Tritanopia

51.6290, -44.7920, -14.2320

Trichromacy



Original Color

47.0320, -71.8060, 34.8340

Deuteranomaly

50.5930, -61.1650, 12.6830

Tritanomaly

49.7320, -54.6070, 3.9610

Monochromacy



Original Color

47.0320, -71.8060, 34.8340

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

47.1440, -26.2280, 12.7800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 47.0320, -71.8060, 34.8340 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(0, 44, 186)` looks like.

```
.text, #text, p{  
    color:rgb(0, 44, 186)  
}
```

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(0, 44, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 44, 186) }
```

Border

The CSS property to change the border of an element to YIQ 47.0320, -71.8060, 34.8340 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(0, 44, 186) }
```

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

```
.border{ border-color:rgb(0, 44, 186) }
```

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

Here you see how a box with a 4 pixel rgb(0, 44, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 44, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 44, 186);  
box-shadow:4px 4px 4px 4px rgb(0, 44, 186)  
}
```


Background

The CSS property to change the background color of an element to YIQ 47.0320, -71.8060, 34.8340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 44, 186) }
```

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

```
.background{ background-color: rgb(0, 44,  
186) }
```

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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