

Converting Colors

YIQ(52.3940, -74.3800, 70.4840)

Have a look what the booklet for
YIQ(52.3940, -74.3800, 70.4840)
contains.

YIQ(52.3940, -74.3800, 70.4840)	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(52.3940, -74.3800,
70.4840)**

Conversions

Conversions Part 1

Format	Color
Hex	191BFF
RGB	25, 27, 255
RGB Percent	10%, 11%, 100%
CMY	0.9017, 0.8942, 0.0005
CMYK	0.90, 0.89, 0.00, 0.00
HSL	239°, 100%, 55%
HSV	239°, 90%, 100%
XYZ	18.8244, 8.2033, 95.0975
YIQ	52.3940, -74.3800, 70.4840

Conversions

Conversions Part 2

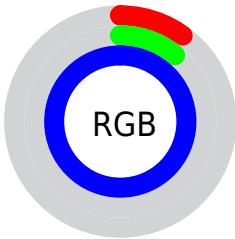
Format	Color
R _Y B	25, 27, 255
Decimal	1645567
CIE Lab	34.40, 74.20, -104.27
CIE LCh	34, 127.978, 305.434
Yxy	8.2033, 0.1541, 0.0672
Android (android.graphics.Color)	4279835647 (0xFF191BFF)
YUV	52.3940, 99.8848, -24.0245
Hunter-Lab	28.6414, 67.1954, -176.8104

Details

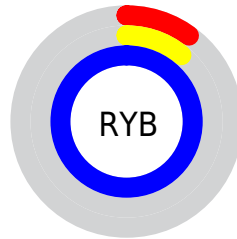
The YIQ color **52.3940, -74.3800, 70.4840** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark washed blue. A complement of this color would be **227.6060, 74.3800, -70.4840**, and the grayscale version is **51.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **115.1660, -30.1800, 62.3960**, and **22.3440, -62.9160, 60.9560** is the 20% darker color. If you saturate the color by 10%, you get **30.2440, -82.4050, 78.2590**, and if you desaturate by 10%, it is **74.8430, -65.7590, 62.9210**.

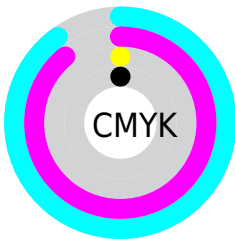
Distribution



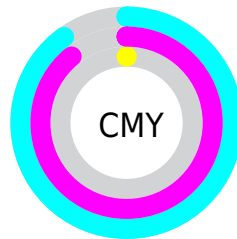
- Red (10%)
- Green (11%)
- Blue (100%)



- Red (10%)
- Yellow (11%)
- Blue (100%)



- Cyan (90%)
- Magenta (89%)
- Yellow (0%)
- Black (0%)



- Cyan (90%)
- Magenta (89%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 52.3940, -74.3800, 70.4840 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 52.3940, -74.3800, 70.4840 by changing the saturation by 10% instead.

■ 52.3940, -74.3800,
70.4840

■ 52.3940, -74.3800,
70.4840

■ 255.0000, -0.0000,
-0.0000

■ 25.6500, -72.2250,
69.9750

■ 115.1660,
-30.1800, 62.3960

■ 22.3440, -62.9160,
60.9560

■ 141.4800,
-16.7450, 55.6950

■ 19.1520, -53.9280,
52.2480

■ 167.4950, -3.9060,
48.7820

■ 15.9600, -44.9400,
43.5400

■ 193.7980, 8.0620,
41.1340

■ 21.6870, -40.3980,
27.2980

■ 218.6060, 17.0500,
32.4260


■ 17.0760, -31.5480,
21.0920


■ 235.6290, 9.0750,


■ 11.2910, -22.1480,


17.2590


15.9320


 252.6520, 1.1000,
2.0920


 6.4350, -13.9860,
11.1820


 2.6390, -6.0530,
5.0750

 52.3940, -74.3800,
70.4840


 52.3940, -74.3800,
70.4840

 30.2440, -82.4050,
78.2590

 74.8430, -65.7590,
62.9210

 97.5800, -58.0090,
54.6230

 120.0290,
-49.3880, 47.0600

 142.1790,
-41.3630, 39.2850

■ 164.6280,
-32.7420, 31.7220

■ 187.3650,
-24.9920, 23.4240

■ 209.5150,
-16.9670, 15.6490

■ 231.9640, -8.3460,
8.0860

254.1140, -0.3210,
0.3110

Harmonies

Analogous

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



86.0090, -108.5300, 28.5740



52.3940, -74.3800, 70.4840



80.2620, 67.3350, 95.8070

Triad

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



52.3940, -74.3800, 70.4840



61.3520, 90.5020, 22.8380



75.1550, -61.4330, -26.5290

Complementary

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



52.3940, -74.3800, 70.4840



227.6060, 74.3800, -70.4840

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.



62.8090, -29.4250, -55.9610



52.3940, -74.3800, 70.4840



74.7120, 26.0930, -26.8590

Square

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



52.3940, -74.3800, 70.4840



64.8830, 129.3320, 46.0040



59.8740, -28.0500, -53.3460



89.8320, -95.8710, 2.8890

Rectangle

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



52.3940, -74.3800, 70.4840



81.5940, 106.7220, 81.3300



59.8740, -28.0500, -53.3460



71.0510, -49.8770, -37.7250

Sweetspot

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



52.3940, -74.3800, 70.4840



194.4530, -22.4240, 20.9360



185.7740, -135.7960, -50.0040



91.6740, -13.1610, 12.7510



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.



52.3940, -74.3800, 70.4840



30.2440, -82.4050, 78.2590



84.4090, -7.6740, 95.0620



116.4820, -4.1730, 4.0430



22.9480, -61.8610, 58.3550



7.8830, -20.8190, 19.3810

Inverse Universe

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



93.9980, 136.4380, 49.3820



76.4730, 151.3380, 54.6820



195.5910, 7.6740, -95.0620



118.8870, 7.7480, 2.7560



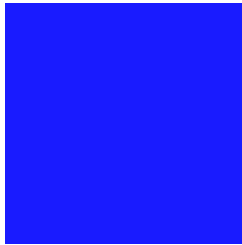
57.3370, 113.1940, 41.1140



19.2500, 37.8230, 13.8790

Previews

White Background



This preview shows how the YIQ color 52.3940, -74.3800, 70.4840 looks on a white background.

Color Contrast Check

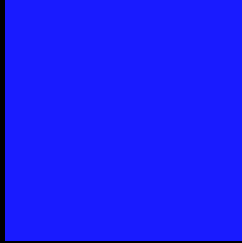
Large Text (above 18pt) WCAG AA ✓ Pass

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 52.3940, -74.3800, 70.4840 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 52.3940, -74.3800, 70.4840

Background



This preview shows how black text looks on a background with the YIQ color 52.3940, -74.3800, 70.4840.



This preview shows how white text looks on a background with the YIQ color 52.3940, -74.3800,

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

52.3940, -74.3800, 70.4840

Protanopia

63.6670, -73.1770, 10.1110

Deuteranopia

64.4530, -67.1230, -0.4910



Tritanopia

62.8450, -54.3280, -17.6240

Trichromacy



Original Color

52.3940, -74.3800, 70.4840

Protanomaly

59.6680, -73.7770, 32.0070

Deuteranomaly

60.3060, -70.0620, 25.2500

Tritanomaly

58.7610, -61.5780, 14.6620

Monochromacy



Original Color

52.3940, -74.3800, 70.4840

Achromatopsia

52.0000, -0.0000, -0.0000

Achromatomaly

52.1630, -27.2390, 25.6010

CSS Examples

Text

The CSS property to change the color of the text to YIQ 52.3940, -74.3800, 70.4840 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(25, 27, 255)` looks like.

```
.text, #text, p{  
    color:rgb(25, 27, 255)  
}
```

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(25, 27, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 27, 255) }
```

Border

The CSS property to change the border of an element to YIQ 52.3940, -74.3800, 70.4840 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(25, 27, 255) }
```


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

```
.border{ border-color:rgb(25, 27, 255) }
```

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

Here you see how a box with a 4 pixel rgb(25, 27, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 27, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 27, 255);  
box-shadow:4px 4px 4px 4px rgb(25, 27,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 52.3940, -74.3800, 70.4840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 27, 255) }
```

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

```
.background{ background-color: rgb(25, 27,  
255) }
```

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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