

Converting Colors

YIQ(41.5400, -77.7270, 70.5690)

Have a look what the booklet for
YIQ(41.5400, -77.7270, 70.5690)
contains.

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Color

**YIQ(41.5400, -77.7270,
70.5690)**

Conversions

Conversions Part 1

Format	Color
Hex	0B11F8
RGB	11, 17, 248
RGB Percent	4%, 7%, 97%
CMY	0.9565, 0.9334, 0.0279
CMYK	0.96, 0.93, 0.00, 0.03
HSL	238°, 94%, 51%
HSV	239°, 96%, 97%
XYZ	17.2629, 7.2420, 89.1938
YIQ	41.5400, -77.7270, 70.5690

Conversions

Conversions Part 2

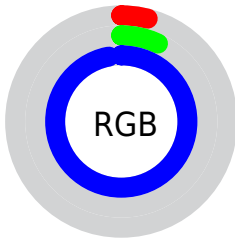
Format	Color
R _Y B	11, 17, 248
Decimal	725496
CIE Lab	32.35, 74.75, -103.77
CIE LCh	32, 127.888, 305.765
Yxy	7.2420, 0.1518, 0.0637
Android (android.graphics.Color)	4278915576 (0xFF0B11F8)
YUV	41.5400, 101.7848, -26.7836
Hunter-Lab	26.9109, 67.4110, -177.6739

Details

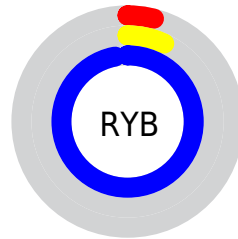
The YIQ color **41.5400, -77.7270, 70.5690** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark saturated blue. A complement of this color would be **217.4600, 77.7270, -70.5690**, and the grayscale version is **41.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **110.1490, -31.5100, 64.4740**, and **21.6600, -60.9900, 59.0900** is the 20% darker color. If you saturate the color by 10%, you get **31.7940, -81.2580, 73.9900**, and if you desaturate by 10%, it is **63.1030, -69.4270, 63.3170**.

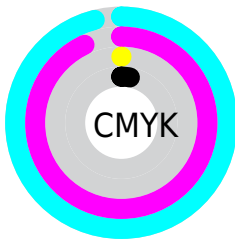
Distribution



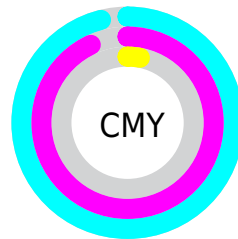
- Red (4%)
- Green (7%)
- Blue (97%)



- Red (4%)
- Yellow (7%)
- Blue (97%)



- Cyan (96%)
- Magenta (93%)
- Yellow (0%)
- Black (3%)



- Cyan (96%)
- Magenta (93%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 41.5400, -77.7270, 70.5690 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 41.5400, -77.7270, 70.5690 by changing the saturation by 10% instead.

■ 41.5400, -77.7270,
70.5690

■ 41.5400, -77.7270,
70.5690

■ 255.0000, -0.0000,
-0.0000

■ 24.8520, -69.9780,
67.7980

■ 110.1490,
-31.5100, 64.4740

■ 21.6600, -60.9900,
59.0900

■ 136.7620,
-17.4790, 57.9850

■ 18.3540, -51.6810,
50.0710

■ 162.4780, -5.2360,
50.8600

■ 15.2760, -43.0140,
41.6740

■ 188.7810, 6.7320,
43.2120

■ 22.1770, -39.0220,
24.3860

■ 215.0840, 18.7000,
35.5640


■ 15.8050, -29.3470,
19.7490


■ 231.5200, 11.0000,


■ 9.5470, -19.9930,


20.9200


15.4230


 249.1300, 2.7500,
5.2300


 5.1640, -11.7850,
9.8390


 1.2540, -3.5310,
3.4210


 41.5400, -77.7270,
70.5690

 41.5400, -77.7270,
70.5690

 31.7940, -81.2580,
73.9900

 63.1030, -69.4270,
63.3170

 84.6660, -61.1270,
56.0650

 106.5170,
-53.6980, 48.0780

 128.0800,
-45.3980, 40.8260

■ 149.6430,
-37.0980, 33.5740

■ 171.2060,
-28.7980, 26.3220

■ 192.7690,
-20.4980, 19.0700

■ 214.0330,
-12.7940, 11.6060

■ 236.1830, -4.7690,
3.8310

Harmonies

Analogous

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



83.6610, -107.4300, 30.6660



41.5400, -77.7270, 70.5690



77.6700, 66.0060, 92.3580

Triad

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



41.5400, -77.7270, 70.5690



55.7370, 87.9800, 24.4920



71.8780, -59.0950, -24.8470

Complementary

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



41.5400, -77.7270, 70.5690



217.4600, 77.7270, -70.5690

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.



59.2870, -27.7750, -52.8230



41.5400, -77.7270, 70.5690



69.6840, 23.2960, -25.7280

Square

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



41.5400, -77.7270, 70.5690



62.4910, 124.5640, 44.3080



56.9390, -26.6750, -50.7310



85.7400, -92.6160, 4.4720

Rectangle

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



41.5400, -77.7270, 70.5690



78.8170, 104.4760, 77.9800



56.9390, -26.6750, -50.7310



67.1870, -47.2640, -35.5200

Sweetspot

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



41.5400, -77.7270, 70.5690



190.6100, -24.3040, 21.9680



176.2250, -138.6840, -52.7320



88.7170, -14.7200, 13.4720



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.



41.5400, -77.7270, 70.5690



32.5920, -83.5050, 76.1670



71.2070, -9.9210, 97.2390



114.0690, -4.4480, 3.5200



24.4810, -62.0440, 56.1640



8.1280, -20.1310, 17.9250

Inverse Universe

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



82.5470, 139.3260, 52.1100



76.9290, 150.0540, 55.9260



187.7930, 9.9210, -97.2390



116.0010, 7.4270, 3.0670



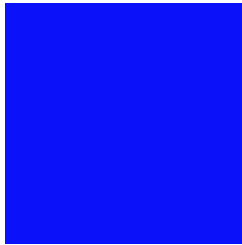
57.0810, 111.0390, 41.6230



18.4670, 35.7140, 13.5540

Previews

White Background



This preview shows how the YIQ color 41.5400, -77.7270, 70.5690 looks on a white background.

Color Contrast Check

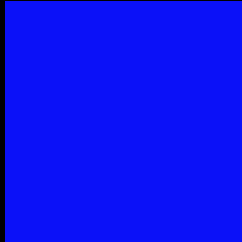
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.5400, -77.7270, 70.5690 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 41.5400, -77.7270, 70.5690

Background



This preview shows how black text looks on a background with the YIQ color 41.5400, -77.7270, 70.5690.



This preview shows how white text looks on a background with the YIQ color 41.5400, -77.7270,

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

41.5400, -77.7270, 70.5690

Protanopia

60.4070, -69.5090, 9.7150

Deuteranopia

60.6060, -63.1800, -0.3640



Tritanopia

59.3400, -51.3480, -16.5640

Trichromacy



Original Color

41.5400, -77.7270, 70.5690

Protanomaly

53.7390, -72.5390, 31.5970

Deuteranomaly

53.7900, -68.5490, 25.3630

Tritanomaly

53.0600, -60.9820, 14.8740

Monochromacy



Original Color

41.5400, -77.7270, 70.5690

Achromatopsia

42.0000, -0.0000, -0.0000

Achromatomaly

41.9780, -28.1560, 25.7000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 41.5400, -77.7270, 70.5690 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(11, 17, 248)` looks like.

```
.text, #text, p{  
    color:rgb(11, 17, 248)  
}
```

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(11, 17, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 17, 248) }
```

Border

The CSS property to change the border of an element to YIQ 41.5400, -77.7270, 70.5690 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(11, 17, 248) }
```


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

```
.border{ border-color:rgb(11, 17, 248) }
```

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

Here you see how a box with a 4 pixel rgb(11, 17, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 17, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 17, 248);  
box-shadow:4px 4px 4px 4px rgb(11, 17,  
248) }
```

Background

The CSS property to change the background color of an element to YIQ 41.5400, -77.7270, 70.5690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 17, 248) }
```

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

```
.background{ background-color: rgb(11, 17,  
248) }
```

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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