

Converting Colors

YIQ(41.6760, -75.1140, 72.7740)

Have a look what the booklet for
YIQ(41.6760, -75.1140, 72.7740)
contains.

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Color

**YIQ(41.6760, -75.1140,
72.7740)**

Conversions

Conversions Part 1

Format	Color
Hex	0F0FF9
RGB	15, 15, 249
RGB Percent	6%, 6%, 98%
CMY	0.9408, 0.9412, 0.0240
CMYK	0.94, 0.94, 0.00, 0.02
HSL	240°, 95%, 52%
HSV	240°, 94%, 98%
XYZ	17.4483, 7.2755, 90.0073
YIQ	41.6760, -75.1140, 72.7740

Conversions

Conversions Part 2

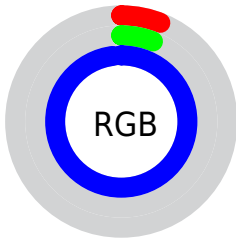
Format	Color
RYB	15, 15, 249
Decimal	987129
CIELab	32.43, 75.44, -104.21
CIElCh	32, 128.647, 305.900
Yxy	7.2755, 0.1521, 0.0634
Android (android.graphics.Color)	4279177209 (0xFF0F0FF9)
YUV	41.6760, 102.2107, -23.3949
Hunter-Lab	26.9731, 68.2647, -178.9655

Details

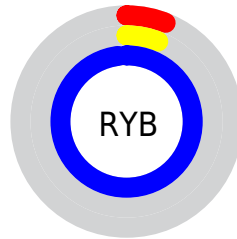
The YIQ color **41.6760, -75.1140, 72.7740** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark saturated blue. A complement of this color would be **222.3240, 75.1140, -72.7740**, and the grayscale version is **41.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **109.8610, -30.6390, 65.2090**, and **21.7740, -61.3110, 59.4010** is the 20% darker color. If you saturate the color by 10%, you get **28.3860, -79.9290, 77.4390**, and if you desaturate by 10%, it is **63.8260, -67.0890, 64.9990**.

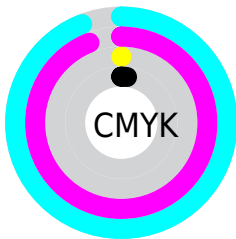
Distribution



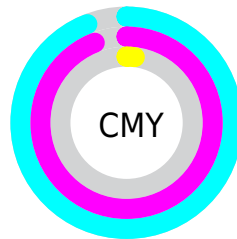
- Red (6%)
- Green (6%)
- Blue (98%)



- Red (6%)
- Yellow (6%)
- Blue (98%)



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



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

Brightness & Saturation Gradients

These gradients show how the YIQ color 41.6760, -75.1140, 72.7740 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 41.6760, -75.1140, 72.7740 by changing the saturation by 10% instead.

■ 41.6760, -75.1140,
72.7740

■ 41.6760, -75.1140,
72.7740

■ 255.0000, -0.0000,
-0.0000

■ 24.9660, -70.2990,
68.1090

■ 109.8610,
-30.6390, 65.2090

■ 21.6600, -60.9900,
59.0900

■ 136.4740,
-16.6080, 58.7200

■ 18.4680, -52.0020,
50.3820

■ 162.7770, -4.6400,
51.0720

■ 15.3900, -43.3350,
41.9850

■ 188.4930, 7.6030,
43.9470

■ 22.8780, -39.6180,
24.1740

■ 214.4970, 18.9750,
36.0870

■ 15.9190, -29.6680,
20.0600


■ 231.5200, 11.0000,


■ 10.2480, -20.5890,


20.9200


15.2110


 248.5430, 3.0250,
5.7530


 5.2780, -12.1060,
10.1500


 1.3680, -3.8520,
3.7320


 41.6760, -75.1140,
72.7740


 41.6760, -75.1140,
72.7740

 28.3860, -79.9290,
77.4390

 63.8260, -67.0890,
64.9990

 85.9760, -59.0640,
57.2240

 108.1260,
-51.0390, 49.4490

 130.2760,
-43.0140, 41.6740

■ 151.5400,
-35.3100, 34.2100

■ 173.6900,
-27.2850, 26.4350

■ 195.8400,
-19.2600, 18.6600

■ 217.9900,
-11.2350, 10.8850

■ 240.1400, -3.2100,
3.1100

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



41.6760, -75.1140, 72.7740



77.9690, 66.6020, 92.5700

Triad

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



41.6760, -75.1140, 72.7740



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.



41.6760, -75.1140, 72.7740



222.3240, 75.1140, -72.7740

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



41.6760, -75.1140, 72.7740



70.2710, 23.0210, -26.2510

Square

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



41.6760, -75.1140, 72.7740



62.7900, 125.1600, 44.5200



56.9390, -26.6750, -50.7310



85.9680, -93.2580, 5.0940

Rectangle

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



41.6760, -75.1140, 72.7740



79.1160, 105.0720, 78.1920



56.9390, -26.6750, -50.7310



67.1870, -47.2640, -35.5200

Sweetspot

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



41.6760, -75.1140, 72.7740



192.0940, -22.7910, 22.0810



179.0340, -139.4640, -49.6080



89.0160, -14.1240, 13.6840



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.



41.6760, -75.1140, 72.7740



29.0700, -81.8550, 79.3050



76.6590, -5.3820, 97.5780



113.4820, -4.1730, 4.0430



21.5460, -60.6690, 58.7790



6.9540, -19.5810, 18.9710

Inverse Universe

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



111.6420, 64.3500, 122.3820



105.3150, 70.1250, 133.3650



187.3410, 5.3820, -97.5780



117.3690, 3.5750, 6.7990



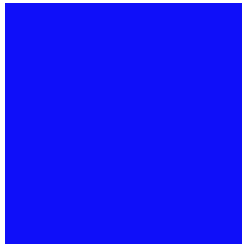
78.0570, 51.9750, 98.8470



25.1930, 16.7750, 31.9030

Previews

White Background



This preview shows how the YIQ color 41.6760, -75.1140, 72.7740 looks on a white background.

Color Contrast Check

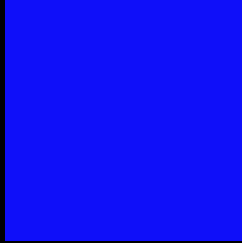
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.6760, -75.1140, 72.7740 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 41.6760, -75.1140, 72.7740

Background



This preview shows how black text looks on a background with the YIQ color 41.6760, -75.1140, 72.7740.



This preview shows how white text looks on a background with the YIQ color 41.6760, -75.1140,

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

41.6760, -75.1140, 72.7740

Protanopia

60.9940, -69.7840, 9.1920

Deuteranopia

61.3070, -63.7760, -0.5760



Tritanopia

59.9270, -51.6230, -17.0870

Trichromacy



Original Color

41.6760, -75.1140, 72.7740

Protanomaly

54.1520, -72.2640, 32.1200

Deuteranomaly

54.2030, -68.2740, 25.8860

Tritanomaly

53.4730, -60.7070, 15.3970

Monochromacy



Original Color

41.6760, -75.1140, 72.7740

Achromatopsia

42.0000, -0.0000, -0.0000

Achromatomaly

41.6900, -27.2850, 26.4350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 41.6760, -75.1140, 72.7740 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(15, 15, 249)` looks like.

```
.text, #text, p{  
    color:rgb(15, 15, 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(15, 15, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 15, 249) }
```

Border

The CSS property to change the border of an element to YIQ 41.6760, -75.1140, 72.7740 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(15, 15, 249) }
```


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

```
.border{ border-color:rgb(15, 15, 249) }
```

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

Here you see how a box with a 4 pixel rgb(15, 15, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 15, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 15, 249);  
box-shadow:4px 4px 4px 4px rgb(15, 15,  
249) }
```

Background

The CSS property to change the background color of an element to YIQ 41.6760, -75.1140, 72.7740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 15, 249) }
```

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

```
.background{ background-color: rgb(15, 15,  
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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