

Converting Colors

YIQ(47.6760, -75.1140, 72.7740)

Have a look what the booklet for
YIQ(47.6760, -75.1140, 72.7740)
contains.

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Color

**YIQ(47.6760, -75.1140,
72.7740)**

Conversions

Conversions Part 1

Format	Color
Hex	1515FF
RGB	21, 21, 255
RGB Percent	8%, 8%, 100%
CMY	0.9173, 0.9177, 0.0005
CMYK	0.92, 0.92, 0.00, 0.00
HSL	240°, 100%, 54%
HSV	240°, 92%, 100%
XYZ	18.6085, 7.9083, 95.0503
YIQ	47.6760, -75.1140, 72.7740

Conversions

Conversions Part 2

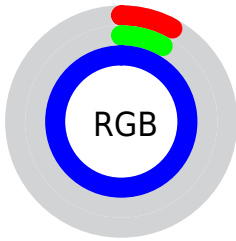
Format	Color
R_{YB}	21, 21, 255
Decimal	1381887
CIE _{Lab}	33.79, 75.71, -105.30
CIE _{LCh}	34, 129.693, 305.718
Yxy	7.9083, 0.1531, 0.0651
Android (android.graphics.Color)	4279571967 (0xFF1515FF)
YUV	47.6760, 102.2107, -23.3949
Hunter-Lab	28.1217, 68.9029, -180.7125

Details

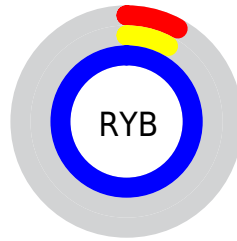
The YIQ color **47.6760, -75.1140, 72.7740** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark washed blue. A complement of this color would be **228.3240, 75.1140, -72.7740**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.1060, -29.9510, 63.7530**, and **22.3440, -62.9160, 60.9560** is the 20% darker color. If you saturate the color by 10%, you get **29.0700, -81.8550, 79.3050**, and if you desaturate by 10%, it is **70.1250, -66.4930, 65.2110**.

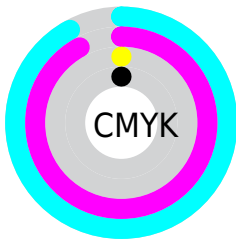
Distribution



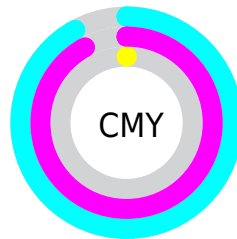
- Red (8%)
- Green (8%)
- Blue (100%)



- Red (8%)
- Yellow (8%)
- Blue (100%)



- Cyan (92%)
- Magenta (92%)
- Yellow (0%)
- Black (0%)



- Cyan (92%)
- Magenta (92%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 47.6760, -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 47.6760, -75.1140, 72.7740 by changing the saturation by 10% instead.

■ 47.6760, -75.1140,
72.7740

■ 47.6760, -75.1140,
72.7740

■ 255.0000, -0.0000,
-0.0000

■ 25.6500, -72.2250,
69.9750

■ 113.1060,
-29.9510, 63.7530

■ 22.3440, -62.9160,
60.9560

■ 139.4200,
-16.5160, 57.0520

■ 19.1520, -53.9280,
52.2480

■ 165.4350, -3.6770,
50.1390

■ 15.9600, -44.9400,
43.5400

■ 191.7380, 8.2910,
42.4910

■ 22.2740, -40.6730,
26.7750

■ 216.8450, 17.8750,
33.9950


■ 17.0760, -31.5480,
21.0920


■ 233.8680, 9.9000,


■ 11.2910, -22.1480,


18.8280


15.9320


 250.8910, 1.9250,
3.6610


 6.3210, -13.6650,
10.8710


 2.6390, -6.0530,
5.0750


 47.6760, -75.1140,
72.7740


 47.6760, -75.1140,
72.7740

 29.0700, -81.8550,
79.3050

 70.1250, -66.4930,
65.2110

 92.8620, -58.7430,
56.9130

 115.3110,
-50.1220, 49.3500

 138.0480,
-42.3720, 41.0520

■ 160.1980,
-34.3470, 33.2770

■ 183.2340,
-26.0010, 25.1910

■ 205.3840,
-17.9760, 17.4160

■ 228.4200, -9.6300,
9.3300

■ 250.5700, -1.6050,
1.5550

Harmonies

Analogous

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



85.4220, -108.2550, 29.0970



47.6760, -75.1140, 72.7740



80.0340, 67.9770, 95.1850

Triad

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



47.6760, -75.1140, 72.7740



58.9930, 90.1350, 23.9830



74.5680, -61.1580, -26.0060

Complementary

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



47.6760, -75.1140, 72.7740



228.3240, 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.



61.6350, -28.8750, -54.9150



47.6760, -75.1140, 72.7740



73.2280, 24.5800, -26.9720

Square

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



47.6760, -75.1140, 72.7740



64.5840, 128.7360, 45.7920



58.7000, -27.5000, -52.3000



88.7720, -95.6420, 4.2460

Rectangle

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



47.6760, -75.1140, 72.7740



81.3660, 107.3640, 80.7080



58.7000, -27.5000, -52.3000



69.8770, -49.3270, -36.6790

Sweetspot

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



47.6760, -75.1140, 72.7740



192.0940, -22.7910, 22.0810



185.0340, -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.



47.6760, -75.1140, 72.7740



29.0700, -81.8550, 79.3050



82.6590, -5.3820, 97.5780



116.4820, -4.1730, 4.0430



21.7740, -61.3110, 59.4010



7.2960, -20.5440, 19.9040

Inverse Universe

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



117.6420, 64.3500, 122.3820



105.3150, 70.1250, 133.3650



193.3410, 5.3820, -97.5780



120.2550, 3.8960, 6.4880



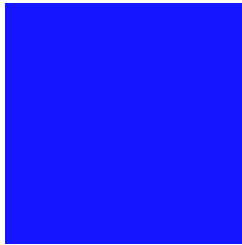
78.8830, 52.5250, 99.8930



26.4320, 17.6000, 33.4720

Previews

White Background



This preview shows how the YIQ color 47.6760, -75.1140, 72.7740 looks on a white background.

Color Contrast Check

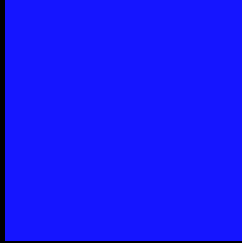
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.6760, -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 47.6760, -75.1140, 72.7740

Background



This preview shows how black text looks on a background with the YIQ color 47.6760, -75.1140, 72.7740.



This preview shows how white text looks on a background with the YIQ color 47.6760, -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

47.6760, -75.1140, 72.7740

Protanopia

62.8520, -72.2600, 10.0120

Deuteranopia

62.9370, -65.6100, -0.3780



Tritanopia

62.1440, -53.7320, -17.4120

Trichromacy



Original Color

47.6760, -75.1140, 72.7740

Protanomaly

57.4940, -73.2270, 33.0530

Deuteranomaly

57.4310, -68.9160, 26.5080

Tritanomaly

57.1740, -61.3030, 15.1850

Monochromacy



Original Color

47.6760, -75.1140, 72.7740

Achromatopsia

48.0000, -0.0000, 0.0000

Achromatomaly

47.6900, -27.2850, 26.4350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 47.6760, -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(21, 21, 255)` looks like.

```
.text, #text, p{  
    color:rgb(21, 21, 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(21, 21, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 21, 255) }
```

Border

The CSS property to change the border of an element to YIQ 47.6760, -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(21, 21, 255) }
```


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

```
.border{ border-color:rgb(21, 21, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 21, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 21, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 21, 255);  
box-shadow:4px 4px 4px 4px rgb(21, 21,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 47.6760, -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(21, 21, 255) }
```

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

```
.background{ background-color: rgb(21, 21,  
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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