

Converting Colors

YIQ(44.3980, -72.1760, 52.5600)

Have a look what the booklet for
YIQ(44.3980, -72.1760, 52.5600)
contains.

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Color

**YIQ(44.3980, -72.1760,
52.5600)**

Conversions

Conversions Part 1

Format	Color
Hex	081ED6
RGB	8, 30, 214
RGB Percent	3%, 12%, 84%
CMY	0.9684, 0.8823, 0.1612
CMYK	0.96, 0.86, 0.00, 0.16
HSL	234°, 93%, 44%
HSV	234°, 96%, 84%
XYZ	12.6885, 5.8302, 64.0017
YIQ	44.3980, -72.1760, 52.5600

Conversions

Conversions Part 2

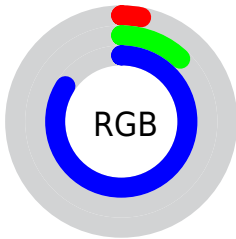
Format	Color
R_{YB}	8, 28, 214
Decimal	532182
CIE _{Lab}	28.98, 61.66, -89.98
CIE _{LCh}	29, 109.084, 304.421
Yxy	5.8302, 0.1538, 0.0707
Android (android.graphics.Color)	4278722262 (0xFF081ED6)
YUV	44.3980, 83.6138, -31.9210
Hunter-Lab	24.1458, 51.5454, -140.2537

Details

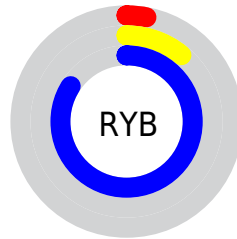
The YIQ color **44.3980, -72.1760, 52.5600** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **177.6020, 72.1760, -52.5600**, and the grayscale version is **44.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **109.2080, -39.1660, 60.0500**, and **17.8980, -50.3970, 48.8270** is the 20% darker color. If you saturate the color by 10%, you get **37.8970, -75.0190, 54.5250**, and if you desaturate by 10%, it is **61.8300, -64.8850, 47.0750**.

Distribution



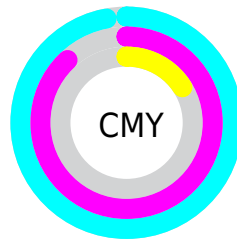
- Red (3%)
- Green (12%)
- Blue (84%)



- Red (3%)
- Yellow (11%)
- Blue (84%)



- Cyan (96%)
- Magenta (86%)
- Yellow (0%)
- Black (16%)



- Cyan (97%)
- Magenta (88%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 44.3980, -72.1760, 52.5600 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 44.3980, -72.1760, 52.5600 by changing the saturation by 10% instead.

■ 44.3980, -72.1760,
52.5600

■ 44.3980, -72.1760,
52.5600

■ 255.0000, -0.0000,
-0.0000

■ 21.0900, -59.3850,
57.5350

■ 109.2080,
-39.1660, 60.0500

■ 17.8980, -50.3970,
48.8270

■ 134.6360,
-26.0520, 53.6600

■ 14.8200, -41.7300,
40.4300

■ 159.4660,
-14.1300, 46.8460

■ 15.9650, -35.3090,
28.6830

■ 184.8830, -2.4830,
39.5090

■ 14.8760, -28.1090,
19.3390

■ 210.8870, 8.8890,
31.6490


■ 9.2050, -19.0300,
14.4900


■ 232.1070, 10.7250,

■ 4.8220, -10.8220,


20.3970


8.9060


 249.1300, 2.7500,
5.2300


 0.5700, -1.6050,
1.5550


 0.0000, 0.0000,
0.0000


 44.3980, -72.1760,
52.5600


 44.3980, -72.1760,
52.5600

 37.8970, -75.0190,
54.5250

 61.8300, -64.8850,
47.0750

 79.5610, -56.9980,
41.8020

 96.9930, -49.7070,
36.3170

 114.7240,
-41.8200, 31.0440

■ 132.7430,
-34.8040, 25.0360

■ 150.1750,
-27.5130, 19.5510

■ 167.9060,
-19.6260, 14.2780

■ 185.3380,
-12.3350, 8.7930

■ 203.0690, -4.4480,
3.5200

Harmonies

Analogous

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



76.1780, -101.5160, 33.6200



44.3980, -72.1760, 52.5600



66.6480, 53.9040, 80.4000

Triad

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



44.3980, -72.1760, 52.5600



51.8280, 77.2980, 19.8420



63.7110, -51.2550, -23.7590

Complementary

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



44.3980, -72.1760, 52.5600



177.6020, 72.1760, -52.5600

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.



52.8300, -24.7500, -47.0700



44.3980, -72.1760, 52.5600



63.8030, 24.5790, -21.4450

Square

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



44.3980, -72.1760, 52.5600



54.7170, 109.0680, 38.7960



50.4820, -23.6500, -44.9780



75.1620, -79.3650, 1.1070

Rectangle

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



44.3980, -72.1760, 52.5600



68.3370, 87.9720, 68.7080



50.4820, -23.6500, -44.9780



59.7040, -41.3500, -32.5660

Sweetspot

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



44.3980, -72.1760, 52.5600



194.1320, -25.9540, 18.8300



149.6700, -115.0720, -51.1360



91.0650, -15.8200, 11.3800



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.



44.3980, -72.1760, 52.5600



44.9190, -89.2800, 65.1840



55.1050, -19.0420, 80.8140



98.4280, -4.0810, 2.3750



30.0600, -59.8410, 43.7670



7.8370, -15.1780, 10.7580

Inverse Universe

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



72.1020, 115.7140, 50.5140



79.3230, 143.3130, 62.4570



166.8950, 19.0420, -80.8140



99.5170, 5.9140, 2.9540



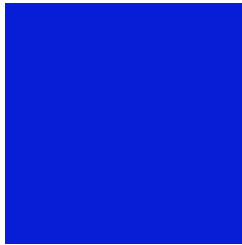
53.1810, 96.1380, 41.8500



13.4270, 24.0230, 10.6710

Previews

White Background



This preview shows how the YIQ color 44.3980, -72.1760, 52.5600 looks on a white background.

Color Contrast Check

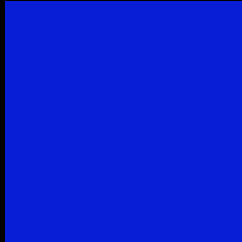
Large Text (above 18pt) WCAG AA ✓ Pass

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 44.3980, -72.1760, 52.5600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

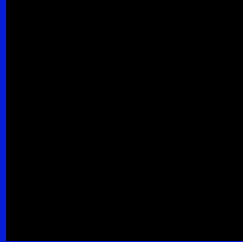
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 44.3980, -72.1760, 52.5600

Background



This preview shows how black text looks on a background with the YIQ color 44.3980, -72.1760, 52.5600.



This preview shows how white text looks on a background with the YIQ color 44.3980, -72.1760,

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

44.3980, -72.1760, 52.5600

Protanopia

54.5880, -62.7690, 8.7110

Deuteranopia

55.1290, -57.4030, -0.4350



Tritanopia

53.7320, -46.5800, -14.8680

Trichromacy



Original Color

44.3980, -72.1760, 52.5600

Protanomaly

50.9320, -66.0730, 24.5430

Deuteranomaly

51.2110, -62.7250, 18.9310

Tritanomaly

50.2360, -55.8460, 9.8980

Monochromacy



Original Color

44.3980, -72.1760, 52.5600

Achromatopsia

44.0000, -0.0000, -0.0000

Achromatomaly

44.2460, -26.2750, 19.1410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 44.3980, -72.1760, 52.5600 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(8, 30, 214)` looks like.

```
.text, #text, p{  
    color:rgb(8, 30, 214)  
}
```

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(8, 30, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 30, 214) }
```

Border

The CSS property to change the border of an element to YIQ 44.3980, -72.1760, 52.5600 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(8, 30, 214) }
```


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

```
.border{ border-color:rgb(8, 30, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 30, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 30, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 30, 214);  
box-shadow:4px 4px 4px 4px rgb(8, 30, 214)  
}
```

Background

The CSS property to change the background color of an element to YIQ 44.3980, -72.1760, 52.5600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 30, 214) }
```

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

```
.background{ background-color: rgb(8, 30,  
214) }
```

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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