

Converting Colors

YIQ(41.3960, -60.6670, 47.7250)

Have a look what the booklet for
YIQ(41.3960, -60.6670, 47.7250)
contains.

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Color

**YIQ(41.3960, -60.6670,
47.7250)**

Conversions

Conversions Part 1

Format	Color
Hex	0D1BBE
RGB	13, 27, 190
RGB Percent	5%, 11%, 75%
CMY	0.9488, 0.8941, 0.2553
CMYK	0.93, 0.86, 0.00, 0.26
HSL	235°, 87%, 40%
HSV	235°, 93%, 74%
XYZ	9.8423, 4.5835, 49.0275
YIQ	41.3960, -60.6670, 47.7250

Conversions

Conversions Part 2

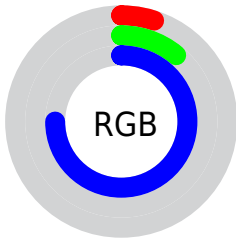
Format	Color
R_{YB}	13, 26, 190
Decimal	859070
CIE _{Lab}	25.51, 55.86, -81.72
CIE _{LCh}	26, 98.985, 304.354
Yxy	4.5835, 0.1551, 0.0722
Android (android.graphics.Color)	4279049150 (0xFF0D1BBE)
YUV	41.3960, 73.2618, -24.9033
Hunter-Lab	21.4090, 44.5958, -120.7901

Details

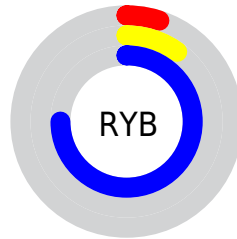
The YIQ color **41.3960, -60.6670, 47.7250** is a dark color, and the websafe version is hex **0033CC**. A complement of this color would be **161.6040, 60.6670, -47.7250**, and the grayscale version is **41.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **104.2680, -39.3950, 58.6930**, and **15.3900, -43.3350, 41.9850** is the 20% darker color. If you saturate the color by 10%, you get **30.4650, -65.1150, 51.2450**, and if you desaturate by 10%, it is **57.0560, -54.0180, 42.8620**.

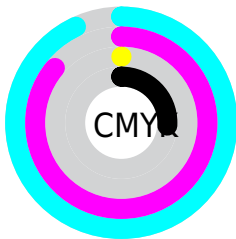
Distribution



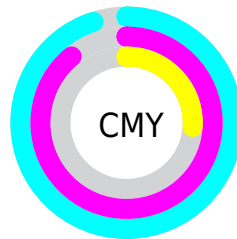
- Red (5%)
- Green (11%)
- Blue (75%)



- Red (5%)
- Yellow (10%)
- Blue (75%)



- Cyan (93%)
- Magenta (86%)
- Yellow (0%)
- Black (26%)



- Cyan (95%)
- Magenta (89%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 41.3960, -60.6670, 47.7250 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 41.3960, -60.6670, 47.7250 by changing the saturation by 10% instead.

■ 41.3960, -60.6670,
47.7250

■ 41.3960, -60.6670,
47.7250

■ 255.0000, -0.0000,
-0.0000

■ 18.4680, -52.0020,
50.3820

■ 104.2680,
-39.3950, 58.6930

■ 15.3900, -43.3350,
41.9850

■ 129.6080,
-28.8490, 54.7910

■ 12.3120, -34.6680,
33.5880

■ 154.1390,
-17.5230, 47.7650

■ 15.9190, -29.6680,
20.0600

■ 179.2570, -6.4720,
40.2160

■ 10.2480, -20.5890,
15.2110

■ 204.3750, 4.5790,
32.6670


■ 5.2780, -12.1060,
10.1500


■ 228.5850, 12.3750,


■ 1.3680, -3.8520,


23.5350


3.7320


 245.6080, 4.4000,
8.3680


 0.0000, 0.0000,
0.0000


 41.3960, -60.6670,
47.7250


 41.3960, -60.6670,
47.7250


 30.4650, -65.1150,
51.2450

 57.0560, -54.0180,
42.8620

 73.3030, -47.6440,
37.4760

 88.9630, -40.9950,
32.6130

 105.2100,
-34.6210, 27.2270

 120.8700,
-27.9720, 22.3640

■ 137.1170,
-21.5980, 16.9780

■ 152.7770,
-14.9490, 12.1150

■ 169.0240, -8.5750,
6.7290

■ 184.6840, -1.9260,
1.8660

Harmonies

Analogous

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



67.7030, -90.0530, 29.6190



41.3960, -60.6670, 47.7250



59.4420, 48.3120, 71.6080

Triad

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



41.3960, -60.6670, 47.7250



46.7560, 68.6330, 17.1850



56.7010, -45.2950, -21.6390

Complementary

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



41.3960, -60.6670, 47.7250



161.6040, 60.6670, -47.7250

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.



46.9600, -22.0000, -41.8400



41.3960, -60.6670, 47.7250



55.8290, 21.6900, -18.6460

Square

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



41.3960, -60.6670, 47.7250



48.7370, 97.1480, 34.5560



44.6120, -20.9000, -39.7480



66.5390, -70.2410, 0.9510

Rectangle

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



41.3960, -60.6670, 47.7250



60.6190, 78.0700, 60.9340



44.6120, -20.9000, -39.7480



53.1500, -36.6740, -29.2020

Sweetspot

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



41.3960, -60.6670, 47.7250



189.3880, -23.7990, 18.3210



135.3670, -100.6770, -42.1890



89.2500, -14.9030, 11.2810



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



41.3960, -60.6670, 47.7250



39.8980, -84.7870, 66.3570



55.3040, -12.7130, 70.7350



86.6130, -3.1640, 2.2760



25.0560, -54.0180, 42.8620



4.7080, -10.5010, 8.5950

Inverse Universe

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



67.5190, 100.9980, 41.8780



76.1330, 140.7920, 58.5840



147.6960, 12.7130, -70.7350



87.8050, 5.0430, 2.2190



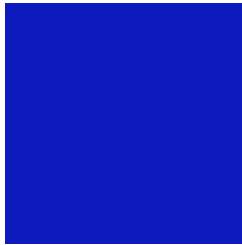
48.6100, 90.3160, 37.2280



9.4970, 17.8340, 7.1940

Previews

White Background



This preview shows how the YIQ color 41.3960, -60.6670, 47.7250 looks on a white background.

Color Contrast Check

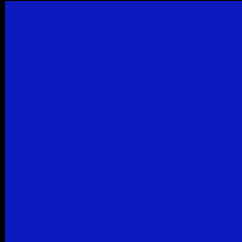
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.3960, -60.6670, 47.7250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

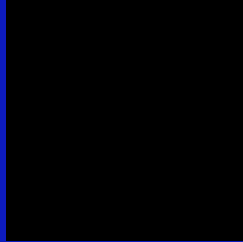
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 41.3960, -60.6670, 47.7250

Background



This preview shows how black text looks on a background with the YIQ color 41.3960, -60.6670, 47.7250.



This preview shows how white text looks on a background with the YIQ color 41.3960, -60.6670,

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

41.3960, -60.6670, 47.7250

Protanopia

48.7690, -56.0290, 7.7070

Deuteranopia

48.9510, -51.0300, -0.2940



Tritanopia

48.0100, -41.4910, -13.4830

Trichromacy



Original Color

41.3960, -60.6670, 47.7250

Protanomaly

45.9560, -57.4530, 22.5070

Deuteranomaly

46.3490, -54.4260, 17.2060

Tritanomaly

45.6020, -48.1890, 8.7950

Monochromacy



Original Color

41.3960, -60.6670, 47.7250

Achromatopsia

41.0000, 0.0000, -0.0000

Achromatomaly

41.2310, -21.9190, 17.2890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 41.3960, -60.6670, 47.7250 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(13, 27, 190)` looks like.

```
.text, #text, p{  
    color:rgb(13, 27, 190)  
}
```

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(13, 27, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 27, 190) }
```

Border

The CSS property to change the border of an element to YIQ 41.3960, -60.6670, 47.7250 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(13, 27, 190) }
```


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

```
.border{ border-color:rgb(13, 27, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(13, 27, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 27, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 27, 190);  
box-shadow:4px 4px 4px 4px rgb(13, 27,  
190) }
```

Background

The CSS property to change the background color of an element to YIQ 41.3960, -60.6670, 47.7250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 27, 190) }
```

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

```
.background{ background-color: rgb(13, 27,  
190) }
```

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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