

Converting Colors

YIQ(27.4840, -66.1260, 64.0660)

Have a look what the booklet for
YIQ(27.4840, -66.1260, 64.0660)
contains.

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Color

**YIQ(27.4840, -66.1260,
64.0660)**

Conversions

Conversions Part 1

Format	Color
Hex	0404D2
RGB	4, 4, 210
RGB Percent	2%, 2%, 82%
CMY	0.9840, 0.9844, 0.1769
CMYK	0.98, 0.98, 0.00, 0.18
HSL	240°, 96%, 42%
HSV	240°, 98%, 82%
XYZ	11.7134, 4.7606, 61.2040
YIQ	27.4840, -66.1260, 64.0660

Conversions

Conversions Part 2

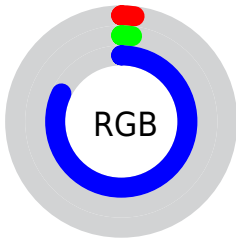
Format	Color
R_{YB}	4, 4, 210
Decimal	263378
CIE _{Lab}	26.04, 67.61, -92.57
CIE _{LCh}	26, 114.630, 306.141
Yxy	4.7606, 0.1508, 0.0613
Android (android.graphics.Color)	4278453458 (0xFF0404D2)
YUV	27.4840, 89.9804, -20.5955
Hunter-Lab	21.8189, 57.6436, -151.0406

Details

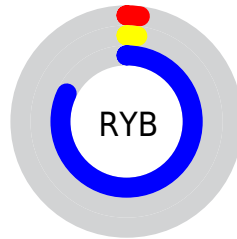
The YIQ color **27.4840, -66.1260, 64.0660** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **186.5160, 66.1260, -64.0660**, and the grayscale version is **27.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **100.4030, -35.0410, 67.8950**, and **17.5560, -49.4340, 47.8940** is the 20% darker color. If you saturate the color by 10%, you get **23.9400, -67.4100, 65.3100**, and if you desaturate by 10%, it is **46.0900, -59.3850, 57.5350**.

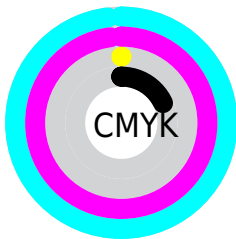
Distribution



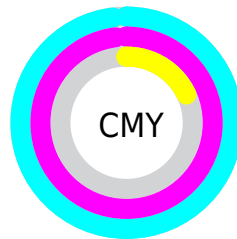
- Red (2%)
- Green (2%)
- Blue (82%)



- Red (2%)
- Yellow (2%)
- Blue (82%)



- Cyan (98%)
- Magenta (98%)
- Yellow (0%)
- Black (18%)



- Cyan (98%)
- Magenta (98%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 27.4840, -66.1260, 64.0660 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 27.4840, -66.1260, 64.0660 by changing the saturation by 10% instead.

■ 27.4840, -66.1260,
64.0660

■ 27.4840, -66.1260,
64.0660

■ 255.0000, -0.0000,
-0.0000

■ 20.6340, -58.1010,
56.2910

■ 100.4030,
-35.0410, 67.8950

■ 17.4420, -49.1130,
47.5830

■ 126.4180,
-22.2020, 60.9820

■ 14.3640, -40.4460,
39.1860

■ 151.2480,
-10.2800, 54.1680

■ 17.8570, -35.1250,
25.3470

■ 176.6650, 1.3670,
46.8310

■ 13.8330, -26.5500,
18.6180

■ 202.6690, 12.7390,
38.9710


■ 8.1620, -17.4710,
13.7690


■ 223.8890, 14.5750,


■ 4.4800, -9.8590,


27.7190


7.9730


 240.9120, 6.6000,
12.5520


 0.0000, 0.0000,
0.0000


 27.4840, -66.1260,
64.0660


 27.4840, -66.1260,
64.0660


 23.9400, -67.4100,
65.3100

 46.0900, -59.3850,
57.5350

 64.6960, -52.6440,
51.0040

 83.3020, -45.9030,
44.4730

 101.9080,
-39.1620, 37.9420

 120.5140,
-32.4210, 31.4110

■ 139.1200,
-25.6800, 24.8800

■ 157.7260,
-18.9390, 18.3490

■ 176.3320,
-12.1980, 11.8180

■ 194.9380, -5.4570,
5.2870

Harmonies

Analogous

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



72.7700, -100.1870, 37.0690



27.4840, -66.1260, 64.0660



65.6220, 56.7930, 77.6010

Triad

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



27.4840, -66.1260, 64.0660



42.9680, 74.0880, 22.9520



59.4880, -49.0090, -20.4090

Complementary

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



27.4840, -66.1260, 64.0660



186.5160, 66.1260, -64.0660

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.



48.7210, -22.8250, -43.4090



27.4840, -66.1260, 64.0660



56.6820, 17.6100, -21.7980

Square

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



27.4840, -66.1260, 64.0660



52.6240, 104.8960, 37.3120



46.3730, -21.7250, -41.3170



71.2810, -78.0820, 5.3900

Rectangle

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



27.4840, -66.1260, 64.0660



66.3000, 89.3940, 64.9620



46.3730, -21.7250, -41.3170



55.3670, -38.7830, -29.5270

Sweetspot

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



27.4840, -66.1260, 64.0660



189.4360, -23.7540, 23.0140



148.4060, -122.7760, -43.6720



88.1300, -14.4450, 13.9950



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.



27.4840, -66.1260, 64.0660



29.0700, -81.8550, 79.3050



58.2810, -4.7380, 85.9020



95.2540, -3.5310, 3.4210



19.1520, -53.9280, 52.2480



4.6740, -13.1610, 12.7510

Inverse Universe

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



89.0780, 56.6500, 107.7380



105.3150, 70.1250, 133.3650



155.7190, 4.7380, -85.9020



98.5430, 3.0250, 5.7530



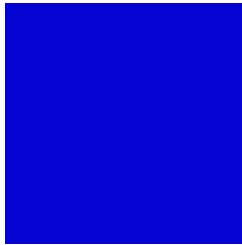
69.3840, 46.2000, 87.8640



16.9330, 11.2750, 21.4430

Previews

White Background



This preview shows how the YIQ color 27.4840, -66.1260, 64.0660 looks on a white background.

Color Contrast Check

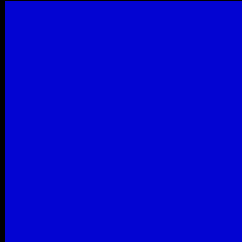
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.4840, -66.1260, 64.0660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

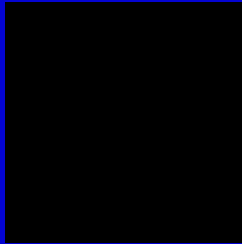
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 27.4840, -66.1260, 64.0660

Background



This preview shows how black text looks on a background with the YIQ color 27.4840, -66.1260, 64.0660.



This preview shows how white text looks on a background with the YIQ color 27.4840, -66.1260,

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

27.4840, -66.1260, 64.0660

Protanopia

50.5130, -58.1840, 8.2160

Deuteranopia

51.1680, -53.1390, -0.6190



Tritanopia

50.1130, -43.2790, -14.1190

Trichromacy



Original Color

27.4840, -66.1260, 64.0660

Protanomaly

41.7910, -61.1220, 28.4300

Deuteranomaly

42.1840, -58.0950, 23.1290

Tritanomaly

41.9100, -51.8120, 13.8840

Monochromacy



Original Color

27.4840, -66.1260, 64.0660

Achromatopsia

27.0000, -0.0000, 0.0000

Achromatomaly

27.5500, -24.0750, 23.3250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 27.4840, -66.1260, 64.0660 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(4, 4, 210)` looks like.

```
.text, #text, p{  
    color:rgb(4, 4, 210)  
}
```

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(4, 4, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 4, 210) }
```

Border

The CSS property to change the border of an element to YIQ 27.4840, -66.1260, 64.0660 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(4, 4, 210) }
```


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

```
.border{ border-color:rgb(4, 4, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 4, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 4, 210); -webkit-box-shadow:4px  
4px 4px 4px rgb(4, 4, 210); box-shadow:4px  
4px 4px 4px rgb(4, 4, 210) }
```

Background

The CSS property to change the background color of an element to YIQ 27.4840, -66.1260, 64.0660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 4, 210) }
```

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

```
.background{ background-color: rgb(4, 4,  
210) }
```

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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