

Converting Colors

YIQ(79.3980, -81.3440, 42.4960)

Have a look what the booklet for
YIQ(79.3980, -81.3440, 42.4960)
contains.

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Color

**YIQ(79.3980, -81.3440,
42.4960)**

Conversions

Conversions Part 1

Format	Color
Hex	1C4AF2
RGB	28, 74, 242
RGB Percent	11%, 29%, 95%
CMY	0.8901, 0.7097, 0.0514
CMYK	0.88, 0.69, 0.00, 0.05
HSL	227°, 89%, 53%
HSV	227°, 88%, 95%
XYZ	18.9386, 11.5509, 85.1448
YIQ	79.3980, -81.3440, 42.4960

Conversions

Conversions Part 2

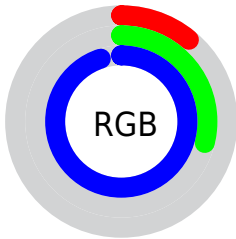
Format	Color
R _Y B	28, 66, 242
Decimal	1854194
CIE Lab	40.49, 48.53, -86.86
CIE LCh	40, 99.497, 299.195
Yxy	11.5509, 0.1638, 0.0999
Android (android.graphics.Color)	4280044274 (0xFF1C4AF2)
YUV	79.3980, 80.1628, -45.0760
Hunter-Lab	33.9867, 39.9902, -124.7452

Details

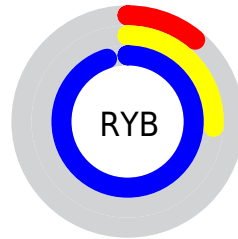
The YIQ color **79.3980, -81.3440, 42.4960** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **190.6020, 81.3440, -42.4960**, and the grayscale version is **79.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **136.5530, -45.3520, 39.9920**, and **38.5860, -67.3140, 41.5340** is the 20% darker color. If you saturate the color by 10%, you get **61.0690, -90.4230, 47.3450**, and if you desaturate by 10%, it is **97.7270, -72.2650, 37.6470**.

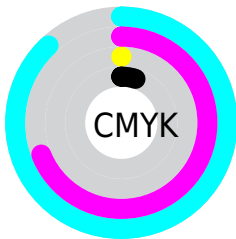
Distribution



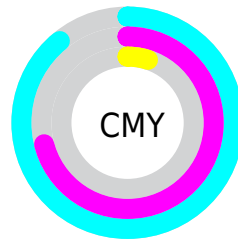
- Red (11%)
- Green (29%)
- Blue (95%)



- Red (11%)
- Yellow (26%)
- Blue (95%)



- Cyan (88%)
- Magenta (69%)
- Yellow (0%)
- Black (5%)



- Cyan (89%)
- Magenta (71%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 79.3980, -81.3440, 42.4960 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 79.3980, -81.3440, 42.4960 by changing the saturation by 10% instead.

■ 79.3980, -81.3440,
42.4960

■ 79.3980, -81.3440,
42.4960

■ 255.0000, -0.0000,
-0.0000

■ 54.2190, -82.3980,
39.5700

■ 136.5530,
-45.3520, 39.9920

■ 38.5860, -67.3140,
41.5340

■ 161.9810,
-32.2380, 33.6020

■ 24.8280, -53.3760,
42.2400

■ 187.3980,
-20.5910, 26.2650

■ 14.7060, -41.4090,
40.1190

■ 212.8150, -8.9440,
18.9280

■ 18.7860, -36.3630,
25.7570

■ 239.4060, 2.1530,
10.5450

■ 14.7620, -27.7880,
19.0280

■ 9.0910, -18.7090,

14.1790

■ 4.8220, -10.8220,
8.9060

■ 0.4560, -1.2840,
1.2440

■ 79.3980, -81.3440,
42.4960

■ 79.3980, -81.3440,
42.4960

■ 61.0690, -90.4230,
47.3450

■ 97.7270, -72.2650,
37.6470

■ 58.1120, -91.9820,
48.0660

■ 116.0560,
-63.1860, 32.7980

■ 134.6840,
-53.5110, 28.1610

■ 153.0130,
-44.4320, 23.3120

■ 171.3420,
-35.3530, 18.4630

■ 189.6710,
-26.2740, 13.6140

■ 208.0000,
-17.1950, 8.7650

■ 226.6280, -7.5200,
4.1280

■ 244.9570, 1.5590,
-0.7210

Harmonies

Analogous

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



93.6400, -112.1050, 21.7750



79.3980, -81.3440, 42.4960



75.6500, 51.5630, 95.2990

Triad

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



79.3980, -81.3440, 42.4960



81.1100, 93.7590, 13.3670



82.5750, -63.0360, -36.0280

Complementary

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



79.3980, -81.3440, 42.4960



190.6020, 81.3440, -42.4960

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.



70.4400, -33.0000, -62.7600



79.3980, -81.3440, 42.4960



90.1720, 45.3490, -23.4110

Square

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



79.3980, -81.3440, 42.4960



67.8040, 122.5450, 53.3690



70.5280, -21.2640, -55.1840



93.2110, -90.2290, -11.2610

Rectangle

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



79.3980, -81.3440, 42.4960



79.5890, 87.9230, 86.1230



70.5280, -21.2640, -55.1840



79.2690, -53.7270, -45.0470

Sweetspot

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



79.3980, -81.3440, 42.4960



202.6710, -26.2740, 13.6140



172.7700, -112.7780, -59.6740



96.3700, -15.3610, 8.5670



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.



79.3980, -81.3440, 42.4960



61.3550, -96.9800, 50.5400



70.6350, -32.3380, 79.4860



110.5420, -4.4020, 2.6860



43.8690, -69.7890, 36.8270



13.4280, -21.2760, 11.1400

Inverse Universe

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



97.2300, 112.7780, 59.6740



82.5150, 134.3250, 71.1650



199.3650, 32.3380, -79.4860



111.8160, 6.5100, 3.1660



59.4620, 97.1450, 51.1370



18.1120, 29.5240, 15.6040

Previews

White Background



This preview shows how the YIQ color 79.3980, -81.3440, 42.4960 looks on a white background.

Color Contrast Check

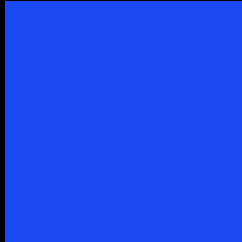
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 79.3980, -81.3440, 42.4960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

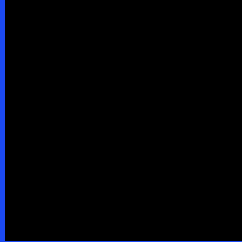
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 79.3980, -81.3440, 42.4960

Background



This preview shows how black text looks on a background with the YIQ color 79.3980, -81.3440, 42.4960.



This preview shows how white text looks on a background with the YIQ color 79.3980, -81.3440,

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

79.3980, -81.3440, 42.4960

Protanopia

75.3050, -86.6570, 12.1190

Deuteranopia

75.6350, -79.3190, 0.2730



Tritanopia

74.2890, -64.5060, -20.3940

Trichromacy



Original Color

79.3980, -81.3440, 42.4960

Protanomaly

76.8250, -84.8250, 22.9750

Deuteranomaly

77.1210, -80.1470, 15.2850

Tritanomaly

76.2940, -70.9290, 2.4070

Monochromacy



Original Color

79.3980, -81.3440, 42.4960

Achromatopsia

79.0000, -0.0000, 0.0000

Achromatomaly

78.8710, -29.7130, 15.3670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 79.3980, -81.3440, 42.4960 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(28, 74, 242)` looks like.

```
.text, #text, p{  
    color:rgb(28, 74, 242)  
}
```

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(28, 74, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 74, 242) }
```

Border

The CSS property to change the border of an element to YIQ 79.3980, -81.3440, 42.4960 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(28, 74, 242) }
```


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

```
.border{ border-color:rgb(28, 74, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 74, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 74, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 74, 242);  
box-shadow:4px 4px 4px 4px rgb(28, 74,  
242) }
```

Background

The CSS property to change the background color of an element to YIQ 79.3980, -81.3440, 42.4960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 74, 242) }
```

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

```
.background{ background-color: rgb(28, 74,  
242) }
```

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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