

Converting Colors

YIQ(74.4400, -63.9670, 41.4490)

Have a look what the booklet for
YIQ(74.4400, -63.9670, 41.4490)
contains.

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Color

**YIQ(74.4400, -63.9670,
41.4490)**

Conversions

Conversions Part 1

Format	Color
Hex	2741D8
RGB	39, 65, 216
RGB Percent	15%, 25%, 85%
CMY	0.8470, 0.7451, 0.1533
CMYK	0.82, 0.70, 0.00, 0.15
HSL	231°, 69%, 50%
HSV	231°, 82%, 85%
XYZ	15.1104, 9.1664, 65.8745
YIQ	74.4400, -63.9670, 41.4490

Conversions

Conversions Part 2

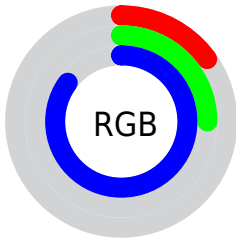
Format	Color
R_{YB}	39, 62, 216
Decimal	2572760
CIE _{Lab}	36.30, 45.42, -78.98
CIE _{LCh}	36, 91.106, 299.903
Yxy	9.1664, 0.1676, 0.1017
Android (android.graphics.Color)	4280762840 (0xFF2741D8)
YUV	74.4400, 69.7891, -31.0809
Hunter-Lab	30.2760, 36.1042, -107.8100

Details

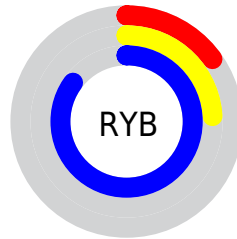
The YIQ color **74.4400, -63.9670, 41.4490** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **180.5600, 63.9670, -41.4490**, and the grayscale version is **74.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **130.3840, -43.1980, 45.0100**, and **31.1540, -57.4100, 38.2540** is the 20% darker color. If you saturate the color by 10%, you get **57.2960, -72.1290, 46.1990**, and if you desaturate by 10%, it is **91.5840, -55.8050, 36.6990**.

Distribution



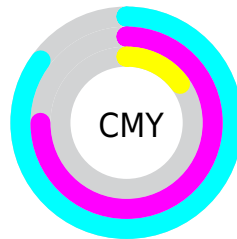
- Red (15%)
- Green (25%)
- Blue (85%)



- Red (15%)
- Yellow (24%)
- Blue (85%)



- Cyan (82%)
- Magenta (70%)
- Yellow (0%)
- Black (15%)



- Cyan (85%)
- Magenta (75%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 74.4400, -63.9670, 41.4490 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 74.4400, -63.9670, 41.4490 by changing the saturation by 10% instead.

■ 74.4400, -63.9670,
41.4490

■ 74.4400, -63.9670,
41.4490

■ 255.0000, -0.0000,
-0.0000

■ 46.5590, -71.8520,
35.6680

■ 130.3840,
-43.1980, 45.0100

■ 31.1540, -57.4100,
38.2540

■ 155.2140,
-31.2760, 38.1960

■ 17.5100, -43.7930,
39.2710

■ 180.3320,
-20.2250, 30.6470

■ 12.0840, -34.0260,
32.9660

■ 205.4500, -9.1740,
23.0980

■ 15.6910, -29.0260,
19.4380

■ 231.1550, 1.6020,
15.0260

■ 9.4330, -19.6720,
15.1120

■ 252.0650, 1.3750,

■ 5.0500, -11.4640,

2.6150

9.5280

■ 1.0260, -2.8890,
2.7990

■ 0.0000, 0.0000,
0.0000

■ 74.4400, -63.9670,
41.4490

■ 74.4400, -63.9670,
41.4490

■ 57.2960, -72.1290,
46.1990

■ 91.5840, -55.8050,
36.6990

■ 43.4080, -78.1360,
50.4400

■ 109.0160,
-48.5140, 31.2140

■ 126.1600,
-40.3520, 26.4640

■ 143.5920,
-33.0610, 20.9790

■ 160.7360,
-24.8990, 16.2290

■ 178.4670,
-17.0120, 10.9560

■ 195.3120, -9.4460,
5.9940

■ 212.4560, -1.2840,
1.2440

■ 229.8880, 6.0070,
-4.2410

Harmonies

Analogous

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



84.5440, -103.0270, 22.4530



74.4400, -63.9670, 41.4490



67.9880, 47.2550, 85.2630

Triad

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



74.4400, -63.9670, 41.4490



73.6680, 83.2600, 10.9080



74.6190, -57.1680, -32.2400

Complementary

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



74.4400, -63.9670, 41.4490



180.5600, 63.9670, -41.4490

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.



63.3960, -29.7000, -56.4840



74.4400, -63.9670, 41.4490



80.1160, 39.7550, -21.1490

Square

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



74.4400, -63.9670, 41.4490



60.3570, 110.4420, 46.9380



61.9780, -22.4110, -50.9150



83.7560, -81.5180, -9.4380

Rectangle

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



74.4400, -63.9670, 41.4490



71.4860, 80.5430, 76.6950



61.9780, -22.4110, -50.9150



71.0680, -48.5470, -39.8030

Sweetspot

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



74.4400, -63.9670, 41.4490



204.1660, -23.2940, 14.6740



159.9990, -96.8250, -45.9210



96.9680, -14.1690, 8.9910



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.



74.4400, -63.9670, 41.4490



55.2190, -90.4250, 58.3990



77.7160, -19.8650, 68.1910



98.4280, -4.0810, 2.3750



34.1690, -61.7660, 40.1060



8.4240, -15.4530, 10.2350

Inverse Universe

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



94.8870, 97.1460, 45.6100



83.9680, 137.1230, 64.5070



177.2840, 19.8650, -68.1910



99.5170, 5.9140, 2.9540



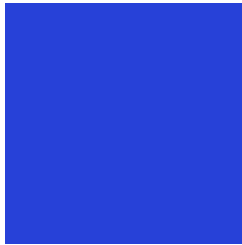
53.9790, 93.8910, 44.0270



13.5410, 23.7020, 10.9820

Previews

White Background



This preview shows how the YIQ color 74.4400, -63.9670, 41.4490 looks on a white background.

Color Contrast Check

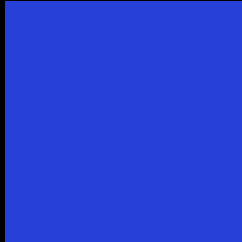
Large Text (above 18pt) WCAG AA ✓ Pass

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 74.4400, -63.9670, 41.4490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

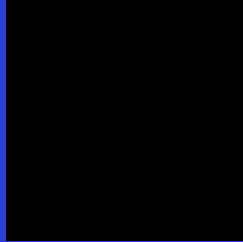
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 74.4400, -63.9670, 41.4490

Background



This preview shows how black text looks on a background with the YIQ color 74.4400, -63.9670, 41.4490.



This preview shows how white text looks on a background with the YIQ color 74.4400, -63.9670,

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

74.4400, -63.9670, 41.4490

Protanopia

67.7420, -77.7620, 10.6060

Deuteranopia

67.8270, -71.1120, 0.2160

Trichromacy



Original Color

74.4400, -63.9670, 41.4490

Protanomaly

70.2300, -72.9040, 21.6880

Deuteranomaly

70.1670, -68.5930, 15.1430

Monochromacy



Original Color

74.4400, -63.9670, 41.4490

Achromatopsia

74.0000, -0.0000, 0.0000

Achromatomaly

74.2800, -23.6150, 14.9850

CSS Examples

Text

The CSS property to change the color of the text to YIQ 74.4400, -63.9670, 41.4490 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(39, 65, 216)` looks like.

```
.text, #text, p{  
    color:rgb(39, 65, 216)  
}
```

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(39, 65, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 65, 216) }
```

Border

The CSS property to change the border of an element to YIQ 74.4400, -63.9670, 41.4490 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(39, 65, 216) }
```

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

```
.border{ border-color:rgb(39, 65, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 65, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 65, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 65, 216);  
box-shadow:4px 4px 4px 4px rgb(39, 65,  
216) }
```


Background

The CSS property to change the background color of an element to YIQ 74.4400, -63.9670, 41.4490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 65, 216) }
```

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

```
.background{ background-color: rgb(39, 65,  
216) }
```

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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