

Converting Colors

YIQ(74.8460, -44.6190, 43.2290)

Have a look what the booklet for
YIQ(74.8460, -44.6190, 43.2290)
contains.

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Color

**YIQ(74.8460, -44.6190,
43.2290)**

Conversions

Conversions Part 1

Format	Color
Hex	3B3BC6
RGB	59, 59, 198
RGB Percent	23%, 23%, 78%
CMY	0.7685, 0.7686, 0.2238
CMYK	0.70, 0.70, 0.00, 0.22
HSL	240°, 55%, 50%
HSV	240°, 70%, 78%
XYZ	13.5536, 8.1323, 54.2375
YIQ	74.8460, -44.6190, 43.2290

Conversions

Conversions Part 2

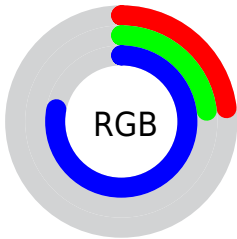
Format	Color
R_{YB}	59, 59, 198
Decimal	3881926
CIE _{Lab}	34.26, 44.60, -71.89
CIE _{LCh}	34, 84.601, 301.813
Yxy	8.1323, 0.1785, 0.1071
Android (android.graphics.Color)	4282072006 (0xFF3B3BC6)
YUV	74.8460, 60.7149, -13.8969
Hunter-Lab	28.5172, 34.9319, -92.8029

Details


The YIQ color **74.8460, -44.6190, 43.2290** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **182.1540, 44.6190, -43.2290**, and the grayscale version is **74.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **129.2540, -36.7800, 49.8440**, and **24.5200, -49.7530, 37.1510** is the 20% darker color. If you saturate the color by 10%, you get **57.1260, -51.0390, 49.4490**, and if you desaturate by 10%, it is **92.5660, -38.1990, 37.0090**.

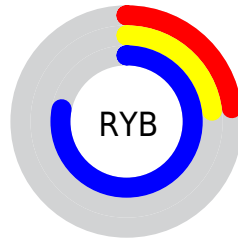
Distribution



 Red (23%)

 Green (23%)

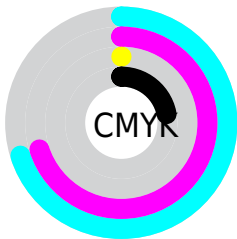
 Blue (78%)





 Red (23%)

 Yellow (23%)

 Blue (78%)

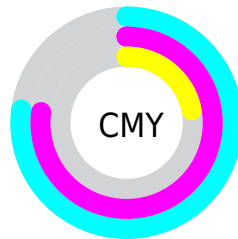


 Cyan (70%)

 Magenta (70%)

 Yellow (0%)

 Black (22%)



 Cyan (77%)

 Magenta (77%)

 Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 74.8460, -44.6190, 43.2290 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 74.8460, -44.6190, 43.2290 by changing the saturation by 10% instead.

■ 74.8460, -44.6190,
43.2290

■ 74.8460, -44.6190,
43.2290

■ 255.0000, -0.0000,
-0.0000

■ 40.5120, -64.4700,
34.0420

■ 129.2540,
-36.7800, 49.8440

■ 24.5200, -49.7530,
37.1510

■ 153.4860,
-26.0500, 42.6060

■ 13.2240, -37.2360,
36.0760

■ 178.3050,
-15.5950, 34.8450

■ 10.3740, -29.2110,
28.3010

■ 203.1240, -5.1400,
27.0840

■ 11.6330, -23.1110,
16.8650

■ 228.8290, 5.6360,
19.0120

■ 6.6630, -14.6280,
11.8040

■ 247.9560, 3.3000,

■ 2.9810, -7.0160,

6.2760

6.0080

■ 0.0000, 0.0000,
0.0000

■ 74.8460, -44.6190,
43.2290

■ 74.8460, -44.6190,
43.2290

■ 57.1260, -51.0390,
49.4490

■ 92.5660, -38.1990,
37.0090

■ 39.4060, -57.4590,
55.6690

■ 110.2860,
-31.7790, 30.7890

■ 22.5720, -63.5580,
61.5780

■ 127.1200,
-25.6800, 24.8800

■ 144.8400,
-19.2600, 18.6600

■ 162.5600,
-12.8400, 12.4400

■ 180.2800, -6.4200,
6.2200

■ 198.0000, -0.0000,
0.0000

■ 214.8340, 6.0990,
-5.9090

■ 232.5540, 12.5190,
-12.1290

Harmonies

Analogous

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



77.7960, -95.0490, 21.0390



74.8460, -44.6190, 43.2290



64.1850, 47.8980, 79.1140

Triad

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



74.8460, -44.6190, 43.2290



71.5420, 74.6870, 6.5830



70.5100, -55.2430, -28.5790

Complementary

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



74.8460, -44.6190, 43.2290



182.1540, 44.6190, -43.2290

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.



59.8740, -28.0500, -53.3460



74.8460, -44.6190, 43.2290



75.6640, 35.2160, -21.4880

Square

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



74.8460, -44.6190, 43.2290



55.7150, 103.3820, 42.7260



56.0640, -25.5290, -49.4730



79.4360, -77.6210, -8.4770

Rectangle

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



74.8460, -44.6190, 43.2290



66.6440, 76.9220, 70.7300



56.0640, -25.5290, -49.4730



67.7740, -47.5390, -36.0430

Sweetspot

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



74.8460, -44.6190, 43.2290



207.1560, -17.3340, 16.7940



156.4390, -82.8440, -29.4680



99.6480, -10.2720, 9.9520



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.



74.8460, -44.6190, 43.2290



65.3960, -68.6940, 66.5540



95.4770, -3.4950, 57.8570



91.0260, -2.8890, 2.7990



18.5820, -52.3230, 50.6930



4.1040, -11.5560, 11.1960

Inverse Universe

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



116.4070, 38.2250, 72.6970



129.3820, 58.8500, 111.9220



161.2240, 2.8990, -58.0690



93.7170, 2.4750, 4.7070



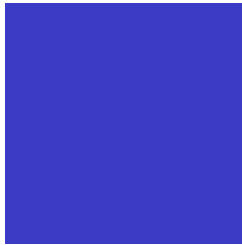
67.3190, 44.8250, 85.2490



14.8680, 9.9000, 18.8280

Previews

White Background



This preview shows how the YIQ color 74.8460, -44.6190, 43.2290 looks on a white background.

Color Contrast Check

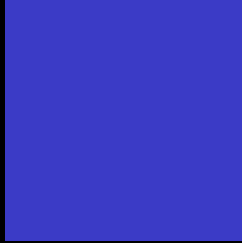
Large Text (above 18pt) WCAG AA ✓ Pass

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 74.8460, -44.6190, 43.2290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

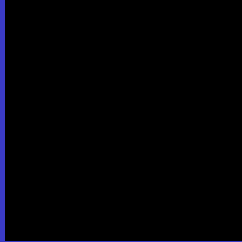
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 74.8460, -44.6190, 43.2290

Background



This preview shows how black text looks on a background with the YIQ color 74.8460, -44.6190, 43.2290.



This preview shows how white text looks on a background with the YIQ color 74.8460, -44.6190,

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

74.8460, -44.6190, 43.2290

Protanopia

63.7810, -73.4980, 10.4220

Deuteranopia

64.5670, -67.4440, -0.1800



Tritanopia

63.0730, -54.9700, -17.0020

Trichromacy



Original Color

74.8460, -44.6190, 43.2290

Protanomaly

67.4330, -63.2300, 22.5780

Deuteranomaly

67.9570, -59.1940, 15.5100

Tritanomaly

67.1130, -51.3060, 4.7100

Monochromacy



Original Color

74.8460, -44.6190, 43.2290

Achromatopsia

75.0000, -0.0000, -0.0000

Achromatomaly

74.8140, -16.3710, 15.8610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 74.8460, -44.6190, 43.2290 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(59, 59, 198)` looks like.

```
.text, #text, p{  
    color:rgb(59, 59, 198)  
}
```

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(59, 59, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 59, 198) }
```

Border

The CSS property to change the border of an element to YIQ 74.8460, -44.6190, 43.2290 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(59, 59, 198) }
```


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

```
.border{ border-color:rgb(59, 59, 198) }
```

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

Here you see how a box with a 4 pixel rgb(59, 59, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 59, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 59, 198);  
box-shadow:4px 4px 4px 4px rgb(59, 59,  
198) }
```

Background

The CSS property to change the background color of an element to YIQ 74.8460, -44.6190, 43.2290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 59, 198) }
```

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

```
.background{ background-color: rgb(59, 59,  
198) }
```

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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