

Converting Colors

YIQ(74.0740, -45.2610, 43.8510)

Have a look what the booklet for
YIQ(74.0740, -45.2610, 43.8510)
contains.

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Color

**YIQ(74.0740, -45.2610,
43.8510)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 3A3AC7 |
| RGB | 58, 58, 199 |
| RGB Percent | 23%, 23%, 78% |
| CMY | 0.7724, 0.7726, 0.2199 |
| CMYK | 0.71, 0.71, 0.00, 0.22 |
| HSL | 240°, 56%, 50% |
| HSV | 240°, 71%, 78% |
| XYZ | 13.5595, 8.0465, 54.8265 |
| YIQ | 74.0740, -45.2610, 43.8510 |

Conversions

Conversions Part 2

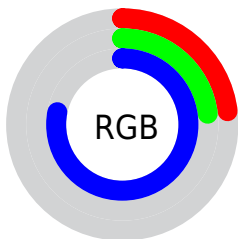
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 58, 58, 199 |
| Decimal | 3816135 |
| CIE _{Lab} | 34.08, 45.40, -72.77 |
| CIE _{LCh} | 34, 85.770, 301.959 |
| Yxy | 8.0465, 0.1774, 0.1053 |
| Android (android.graphics.Color) | 4282006215 (0xFF3A3AC7) |
| YUV | 74.0740, 61.5885, -14.0969 |
| Hunter-Lab | 28.3663, 35.6849, -94.7395 |

Details

The YIQ color **74.0740, -45.2610, 43.8510** 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 **182.9260, 45.2610, -43.8510**, and the grayscale version is **74.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **128.3680, -37.1010, 50.1550**, and **24.0470, -49.7990, 37.9850** is the 20% darker color. If you saturate the color by 10%, you get **56.3540, -51.6810, 50.0710**, and if you desaturate by 10%, it is **91.7940, -38.8410, 37.6310**.

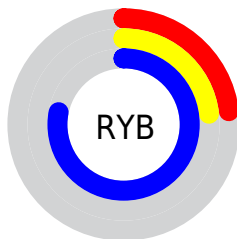
Distribution



Red (23%)

Green (23%)

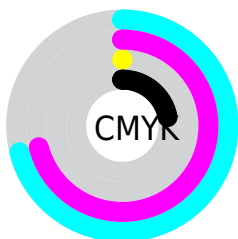
Blue (78%)



Red (23%)

Yellow (23%)

Blue (78%)

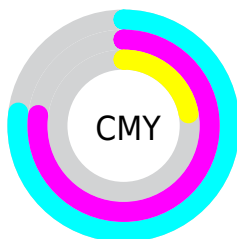


Cyan (71%)

Magenta (71%)

Yellow (0%)

Black (22%)



Cyan (77%)

Magenta (77%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 74.0740, -45.2610, 43.8510 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 74.0740, -45.2610, 43.8510 by changing the saturation by 10% instead.

■ 74.0740, -45.2610,
43.8510

■ 74.0740, -45.2610,
43.8510

■ 255.0000, -0.0000,
-0.0000

■ 40.0390, -64.5160,
34.8760

■ 128.3680,
-37.1010, 50.1550

■ 24.0470, -49.7990,
37.9850

■ 152.8990,
-25.7750, 43.1290

■ 13.3380, -37.5570,
36.3870

■ 177.7180,
-15.3200, 35.3680

■ 10.3740, -29.2110,
28.3010

■ 202.5370, -4.8650,
27.6070

■ 11.7470, -23.4320,
17.1760

■ 228.2420, 5.9110,
19.5350

■ 6.7770, -14.9490,
12.1150

■ 247.3690, 3.5750,

■ 3.0950, -7.3370,

6.7990

6.3190

■ 0.0000, 0.0000,
0.0000

■ 74.0740, -45.2610,
43.8510

■ 74.0740, -45.2610,
43.8510

■ 56.3540, -51.6810,
50.0710

■ 91.7940, -38.8410,
37.6310

■ 38.6340, -58.1010,
56.2910

■ 109.5140,
-32.4210, 31.4110

■ 22.6860, -63.8790,
61.8890

■ 127.2340,
-26.0010, 25.1910

■ 144.9540,
-19.5810, 18.9710

■ 161.7880,
-13.4820, 13.0620

■ 179.5080, -7.0620,
6.8420

■ 197.2280, -0.6420,
0.6220

■ 214.9480, 5.7780,
-5.5980

■ 232.6680, 12.1980,
-11.8180

Harmonies

Analogous

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



78.0240, -95.6910, 21.6610



74.0740, -45.2610, 43.8510



64.4840, 48.4940, 79.3260

Triad

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



74.0740, -45.2610, 43.8510



70.9550, 74.9620, 7.1060



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.



74.0740, -45.2610, 43.8510



182.9260, 45.2610, -43.8510

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.



59.2870, -27.7750, -52.8230



74.0740, -45.2610, 43.8510



75.3650, 34.6200, -21.7000

Square

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



74.0740, -45.2610, 43.8510



55.4870, 104.0240, 42.1040



55.7650, -26.1250, -49.6850



78.9630, -77.6670, -7.6430

Rectangle

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



74.0740, -45.2610, 43.8510



66.9430, 77.5180, 70.9420



55.7650, -26.1250, -49.6850



67.1870, -47.2640, -35.5200

Sweetspot

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



74.0740, -45.2610, 43.8510



207.1560, -17.3340, 16.7940



156.8410, -84.0360, -29.8920



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.



74.0740, -45.2610, 43.8510



62.7380, -69.6570, 67.4870



95.0040, -3.5410, 58.6910



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.



116.2330, 38.7750, 73.7430



127.6210, 59.6750, 113.4910



161.6970, 2.9450, -58.9030



93.7170, 2.4750, 4.7070



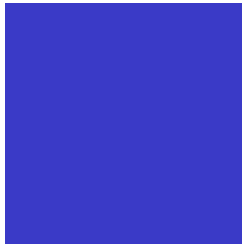
67.3190, 44.8250, 85.2490



14.8680, 9.9000, 18.8280

Previews

White Background



This preview shows how the YIQ color 74.0740, -45.2610, 43.8510 looks on a white background.

Color Contrast Check

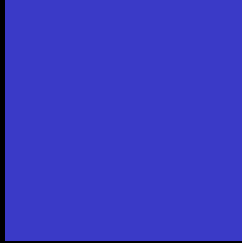
Large Text (above 18pt) WCAG AA ✓ Pass

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 74.0740, -45.2610, 43.8510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

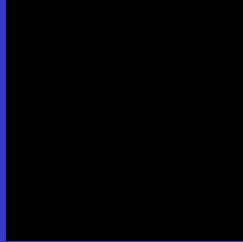
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 74.0740, -45.2610, 43.8510

Background



This preview shows how black text looks on a background with the YIQ color 74.0740, -45.2610, 43.8510.



This preview shows how white text looks on a background with the YIQ color 74.0740, -45.2610,

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

74.0740, -45.2610, 43.8510

Protanopia

63.6670, -73.1770, 10.1110

Deuteranopia

63.9800, -67.1690, 0.3430



Tritanopia

62.9590, -54.6490, -17.3130

Trichromacy



Original Color

74.0740, -45.2610, 43.8510

Protanomaly

67.3190, -62.9090, 22.2670

Deuteranomaly

67.4840, -59.2400, 16.3440

Tritanomaly

67.1130, -51.3060, 4.7100

Monochromacy



Original Color

74.0740, -45.2610, 43.8510

Achromatopsia

74.0000, -0.0000, 0.0000

Achromatomaly

73.8140, -16.3710, 15.8610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 74.0740, -45.2610, 43.8510 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(58, 58, 199)` looks like.

```
.text, #text, p{  
    color:rgb(58, 58, 199)  
}
```

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(58, 58, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 58, 199) }
```

Border

The CSS property to change the border of an element to YIQ 74.0740, -45.2610, 43.8510 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(58, 58, 199) }
```


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

```
.border{ border-color:rgb(58, 58, 199) }
```

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

Here you see how a box with a 4 pixel rgb(58, 58, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 58, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 58, 199);  
box-shadow:4px 4px 4px 4px rgb(58, 58,  
199) }
```

Background

The CSS property to change the background color of an element to YIQ 74.0740, -45.2610, 43.8510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 58, 199) }
```

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

```
.background{ background-color: rgb(58, 58,  
199) }
```

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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