

Converting Colors

YIQ(88.5410, -45.0780, 46.0420)

Have a look what the booklet for
YIQ(88.5410, -45.0780, 46.0420)
contains.

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Color

**YIQ(88.5410, -45.0780,
46.0420)**

Conversions

Conversions Part 1

Format	Color
Hex	4A47D9
RGB	74, 71, 217
RGB Percent	29%, 28%, 85%
CMY	0.7097, 0.7216, 0.1493
CMYK	0.66, 0.67, 0.00, 0.15
HSL	241°, 66%, 56%
HSV	241°, 67%, 85%
XYZ	17.5938, 10.9691, 66.7848
YIQ	88.5410, -45.0780, 46.0420

Conversions

Conversions Part 2

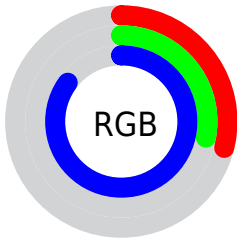
Format	Color
R_{YB}	74, 71, 217
Decimal	4868057
CIE _{Lab}	39.53, 45.61, -74.19
CIE _{LCh}	40, 87.089, 301.581
Yxy	10.9691, 0.1845, 0.1150
Android (android.graphics.Color)	4283058137 (0xFF4A47D9)
YUV	88.5410, 63.3303, -12.7525
Hunter-Lab	33.1196, 36.8637, -96.3730

Details

The YIQ color **88.5410, -45.0780, 46.0420** 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 **199.4590, 45.0780, -46.0420**, and the grayscale version is **88.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **140.7720, -32.6070, 45.8010**, and **33.6160, -58.8310, 36.4730** is the 20% darker color. If you saturate the color by 10%, you get **69.3480, -51.5440, 53.0960**, and if you desaturate by 10%, it is **107.7340, -38.6120, 38.9880**.

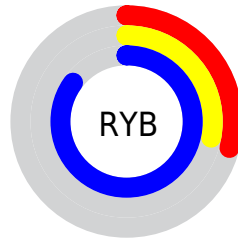
Distribution



Red (29%)

Green (28%)

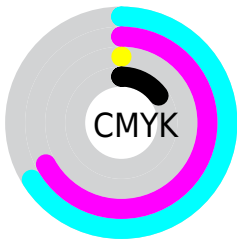
Blue (85%)



Red (29%)

Yellow (28%)

Blue (85%)

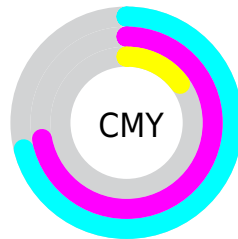


Cyan (66%)

Magenta (67%)

Yellow (0%)

Black (15%)



Cyan (71%)

Magenta (72%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 88.5410, -45.0780, 46.0420 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 88.5410, -45.0780, 46.0420 by changing the saturation by 10% instead.

■ 88.5410, -45.0780,
46.0420

■ 88.5410, -45.0780,
46.0420

■ 255.0000, -0.0000,
-0.0000

■ 59.1760, -54.4760,
40.1480

■ 140.7720,
-32.6070, 45.8010

■ 33.6160, -58.8310,
36.4730

■ 165.8900,
-21.5560, 38.2520

■ 18.2110, -44.3890,
39.0590

■ 190.1220,
-10.8260, 31.0140

■ 12.3120, -34.6680,
33.5880

■ 215.8270, -0.0500,
22.9420

■ 15.8050, -29.3470,
19.7490

■ 239.7380, 7.1500,
13.5980

■ 9.5470, -19.9930,
15.4230

■ 5.1640, -11.7850,

9.8390

■ 1.2540, -3.5310,
3.4210

■ 0.0000, 0.0000,
0.0000

■ 88.5410, -45.0780,
46.0420

■ 88.5410, -45.0780,
46.0420

■ 69.3480, -51.5440,
53.0960

■ 107.7340,
-38.6120, 38.9880

■ 50.7420, -58.2850,
59.6270

■ 126.6390,
-31.2750, 32.6690

■ 31.2500, -65.3470,
66.4690

■ 145.8320,
-24.8090, 25.6150

■ 26.2330, -66.6770,
68.5470

■ 165.0250,
-18.3430, 18.5610

■ 183.6310,
-11.6020, 12.0300

■ 202.8240, -5.1360,
4.9760

■ 222.3160, 1.9260,
-1.8660

■ 241.5090, 8.3920,
-8.9200

■ 250.6680, 12.1980,
-11.8180

Harmonies

Analogous

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



87.7070, -105.0440, 20.4600



88.5410, -45.0780, 46.0420



71.0920, 52.8940, 87.6940

Triad

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



88.5410, -45.0780, 46.0420



83.3810, 82.3900, 4.6460



80.6830, -63.2200, -32.6920

Complementary

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



88.5410, -45.0780, 46.0420



199.4590, 45.0780, -46.0420

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.



69.0040, -34.4680, -58.1800



88.5410, -45.0780, 46.0420



87.1930, 40.8560, -24.5840

Square

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



88.5410, -45.0780, 46.0420



62.7210, 112.4130, 49.7650



71.7570, -14.4790, -51.4950



89.4780, -86.6070, -10.8230

Rectangle

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



88.5410, -45.0780, 46.0420



73.9210, 83.7520, 79.1120



71.7570, -14.4790, -51.4950



77.2460, -54.9200, -39.9440

Sweetspot

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



88.5410, -45.0780, 46.0420



210.1130, -15.7750, 16.0730



171.5850, -86.1910, -29.3830



100.8330, -9.3550, 9.8530



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.



88.5410, -45.0780, 46.0420



73.0930, -63.4670, 65.4370



110.0690, -2.1660, 61.3060



100.2540, -3.5310, 3.4210



20.9180, -53.1490, 54.6510



5.5430, -14.1700, 14.5180

Inverse Universe

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



130.9560, 41.1130, 75.4250



133.0350, 58.2090, 107.0170



177.9310, 2.1660, -61.3060



103.4290, 3.3460, 5.4420



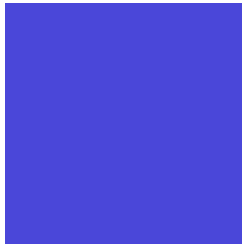
71.1070, 48.5380, 89.5460



18.8840, 12.9710, 23.7470

Previews

White Background



This preview shows how the YIQ color 88.5410, -45.0780, 46.0420 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 88.5410, -45.0780, 46.0420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

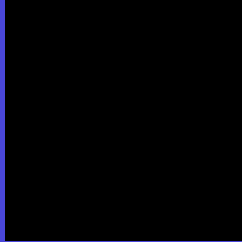
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 88.5410, -45.0780, 46.0420

Background



This preview shows how black text looks on a background with the YIQ color 88.5410, -45.0780, 46.0420.



This preview shows how white text looks on a background with the YIQ color 88.5410, -45.0780,

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

88.5410, -45.0780, 46.0420

Protanopia

73.7890, -85.1440, 12.2320

Tritanopia

73.0010, -63.6350, -19.6590

Trichromacy



Original Color

88.5410, -45.0780, 46.0420

Protanomaly

78.8930, -70.3370, 24.7270

Tritanomaly

78.4760, -56.7620, 4.4700

Monochromacy



Original Color

88.5410, -45.0780, 46.0420

Achromatopsia

89.0000, -0.0000, -0.0000

Achromatomaly

88.7540, -16.1420, 17.2180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 88.5410, -45.0780, 46.0420 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(74, 71, 217)` looks like.

```
.text, #text, p{  
    color:rgb(74, 71, 217)  
}
```

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(74, 71, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 71, 217) }
```

Border

The CSS property to change the border of an element to YIQ 88.5410, -45.0780, 46.0420 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(74, 71, 217) }
```

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

```
.border{ border-color:rgb(74, 71, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 71, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 71, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 71, 217);  
box-shadow:4px 4px 4px 4px rgb(74, 71,  
217) }
```


Background

The CSS property to change the background color of an element to YIQ 88.5410, -45.0780, 46.0420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 71, 217) }
```

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

```
.background{ background-color: rgb(74, 71,  
217) }
```

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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