

Converting Colors

YIQ(79.4580, -64.3780, 32.3740)

Have a look what the booklet for
YIQ(79.4580, -64.3780, 32.3740)
contains.

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Color

**YIQ(79.4580, -64.3780,
32.3740)**

Conversions

Conversions Part 1

Format	Color
Hex	264CCE
RGB	38, 76, 206
RGB Percent	15%, 30%, 81%
CMY	0.8509, 0.7019, 0.1925
CMYK	0.82, 0.63, 0.00, 0.19
HSL	226°, 69%, 48%
HSV	226°, 82%, 81%
XYZ	14.5143, 10.0350, 59.5066
YIQ	79.4580, -64.3780, 32.3740

Conversions

Conversions Part 2

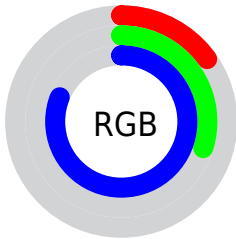
Format	Color
R_{YB}	38, 69, 206
Decimal	2510030
CIE _{Lab}	37.91, 34.90, -70.58
CIE _{LCh}	38, 78.737, 296.314
Yxy	10.0350, 0.1727, 0.1194
Android (android.graphics.Color)	4280700110 (0xFF264CCE)
YUV	79.4580, 62.3852, -36.3587
Hunter-Lab	31.6780, 26.3492, -89.2006

Details

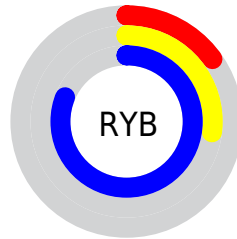
The YIQ color **79.4580, -64.3780, 32.3740** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark muted blue. A complement of this color would be **164.5420, 64.3780, -32.3740**, and the grayscale version is **79.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **136.2320, -48.8820, 37.8860**, and **36.4710, -57.2250, 29.3910** is the 20% darker color. If you saturate the color by 10%, you get **63.7870, -72.4940, 36.2900**, and if you desaturate by 10%, it is **95.1290, -56.2620, 28.4580**.

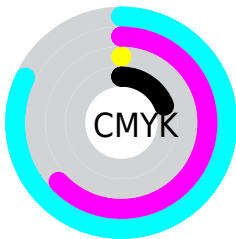
Distribution



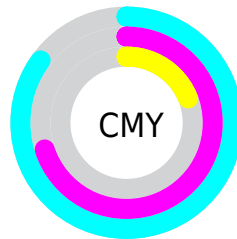
- Red (15%)
- Green (30%)
- Blue (81%)



- Red (15%)
- Yellow (27%)
- Blue (81%)



- Cyan (82%)
- Magenta (63%)
- Yellow (0%)
- Black (19%)



- Cyan (85%)
- Magenta (70%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 79.4580, -64.3780, 32.3740 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 79.4580, -64.3780, 32.3740 by changing the saturation by 10% instead.

■ 79.4580, -64.3780,
32.3740

■ 79.4580, -64.3780,
32.3740

■ 255.0000, -0.0000,
-0.0000

■ 51.9900, -71.9880,
27.1160

■ 136.2320,
-48.8820, 37.8860

■ 36.4710, -57.2250,
29.3910

■ 160.1760,
-37.2810, 31.3830

■ 22.9410, -43.9290,
30.7190

■ 185.2940,
-26.2300, 23.8340

■ 11.1720, -31.4580,
30.4780

■ 210.1130,
-15.7750, 16.0730

■ 13.6050, -25.9080,
17.9960

■ 236.4050, -5.2740,
7.4780

■ 7.9340, -16.8290,
13.1470

■ 3.7790, -9.2630,

8.1850

■ 0.0000, 0.0000,
0.0000

■ 79.4580, -64.3780,
32.3740

■ 79.4580, -64.3780,
32.3740

■ 63.7870, -72.4940,
36.2900

■ 95.1290, -56.2620,
28.4580

■ 51.0730, -79.0510,
39.4850

■ 110.5010,
-48.7420, 24.3300

■ 126.1720,
-40.6260, 20.4140

■ 141.5440,
-33.1060, 16.2860

■ 157.2150,
-24.9900, 12.3700

■ 172.8860,
-16.8740, 8.4540

■ 188.2580, -9.3540,
4.3260

■ 203.3420, -0.9630,
0.9330

■ 218.7140, 6.5570,
-3.1950

Harmonies

Analogous

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



84.2530, -98.0740, 15.2860



79.4580, -64.3780, 32.3740



77.3140, 34.0530, 71.2130

Triad

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



79.4580, -64.3780, 32.3740



78.6740, 83.1230, 7.8830



75.3370, -56.4340, -34.5300

Complementary

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



79.4580, -64.3780, 32.3740



164.5420, 64.3780, -32.3740

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.



64.5700, -30.2500, -57.5300



79.4580, -64.3780, 32.3740



83.9920, 46.0360, -19.3400

Square

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



79.4580, -64.3780, 32.3740



61.1420, 101.0420, 52.0980



75.7210, 3.5380, -42.1100



83.4480, -77.8950, -14.5270

Rectangle

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



79.4580, -64.3780, 32.3740



68.8100, 70.8230, 76.6390



75.7210, 3.5380, -42.1100



72.1280, -48.7760, -41.1600

Sweetspot

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



79.4580, -64.3780, 32.3740



209.1720, -23.4310, 11.6490



151.3220, -87.6090, -47.7450



99.9140, -14.0770, 7.3230



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.



79.4580, -64.3780, 32.3740



66.9590, -95.9250, 47.9390



70.6070, -27.1080, 61.7880



94.3140, -3.7600, 2.0640



41.2300, -63.7360, 31.7520



9.6150, -14.6730, 7.1110

Inverse Universe

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



92.5640, 87.9300, 47.4340



86.2480, 130.7030, 70.7270



173.3930, 27.1080, -61.7880



95.2180, 5.3180, 2.7420



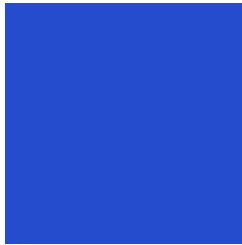
53.9660, 86.7380, 47.0100



12.3880, 19.7590, 10.8550

Previews

White Background



This preview shows how the YIQ color 79.4580, -64.3780, 32.3740 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 79.4580, -64.3780, 32.3740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

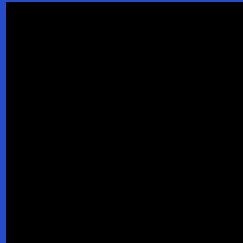
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 79.4580, -64.3780, 32.3740

Background



This preview shows how black text looks on a background with the YIQ color 79.4580, -64.3780, 32.3740.



This preview shows how white text looks on a background with the YIQ color 79.4580, -64.3780,

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

79.4580, -64.3780, 32.3740

Protanopia

70.5290, -81.4760, 11.8360

Deuteranopia

71.0870, -74.7800, 0.6120



Tritanopia

69.9690, -60.6090, -19.4330

Trichromacy



Original Color

79.4580, -64.3780, 32.3740

Protanomaly

73.9800, -75.1960, 19.1720

Deuteranomaly

74.5040, -71.1600, 12.1040

Tritanomaly

73.6770, -61.9420, -0.7740

Monochromacy



Original Color

79.4580, -64.3780, 32.3740

Achromatopsia

79.0000, -0.0000, 0.0000

Achromatomaly

79.1720, -23.4310, 11.6490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 79.4580, -64.3780, 32.3740 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(38, 76, 206)` looks like.

```
.text, #text, p{  
    color:rgb(38, 76, 206)  
}
```

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(38, 76, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 76, 206) }
```

Border

The CSS property to change the border of an element to YIQ 79.4580, -64.3780, 32.3740 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(38, 76, 206) }
```


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

```
.border{ border-color:rgb(38, 76, 206) }
```

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

Here you see how a box with a 4 pixel rgb(38, 76, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 76, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 76, 206);  
box-shadow:4px 4px 4px 4px rgb(38, 76,  
206) }
```

Background

The CSS property to change the background color of an element to YIQ 79.4580, -64.3780, 32.3740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 76, 206) }
```

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

```
.background{ background-color: rgb(38, 76,  
206) }
```

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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