

Converting Colors

YIQ(79.6540, -18.4360, 25.7560)

Have a look what the booklet for
YIQ(79.6540, -18.4360, 25.7560)
contains.

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Color

**YIQ(79.6540, -18.4360,
25.7560)**

Conversions

Conversions Part 1

Format	Color
Hex	4E4490
RGB	78, 68, 144
RGB Percent	31%, 27%, 56%
CMY	0.6940, 0.7333, 0.4354
CMYK	0.46, 0.53, 0.00, 0.44
HSL	248°, 36%, 42%
HSV	248°, 53%, 56%
XYZ	10.2417, 7.7668, 27.3314
YIQ	79.6540, -18.4360, 25.7560

Conversions

Conversions Part 2

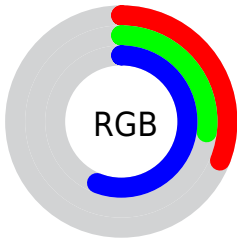
Format	Color
RYB	78, 68, 144
Decimal	5129360
CIELab	33.49, 24.60, -40.83
CIELCh	33, 47.669, 301.068
Yxy	7.7668, 0.2259, 0.1713
Android (android.graphics.Color)	4283319440 (0xFF4E4490)
YUV	79.6540, 31.7226, -1.4506
Hunter-Lab	27.8690, 16.8271, -38.6380

Details

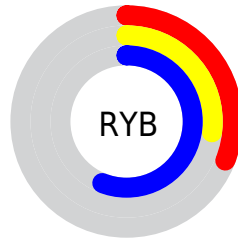
The YIQ color **79.6540, -18.4360, 25.7560** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **132.3460, 18.4360, -25.7560**, and the grayscale version is **79.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **129.8330, -17.3820, 28.6820**, and **32.1540, -23.0200, 20.7240** is the 20% darker color. If you saturate the color by 10%, you get **67.8480, -21.7380, 30.5340**, and if you desaturate by 10%, it is **91.7590, -14.5380, 21.1900**.

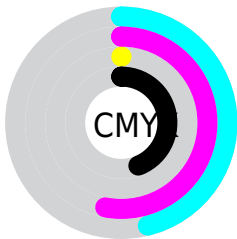
Distribution



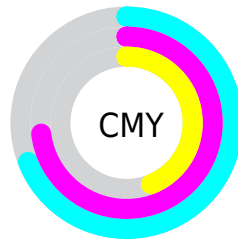
- Red (31%)
- Green (27%)
- Blue (56%)



- Red (31%)
- Yellow (27%)
- Blue (56%)



- Cyan (46%)
- Magenta (53%)
- Yellow (0%)
- Black (44%)



- Cyan (69%)
- Magenta (73%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 79.6540, -18.4360, 25.7560 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 79.6540, -18.4360, 25.7560 by changing the saturation by 10% instead.

■ 79.6540, -18.4360,
25.7560

■ 79.6540, -18.4360,
25.7560

■ 255.0000, -0.0000,
-0.0000

■ 56.0020, -19.5360,
23.6640

■ 129.8330,
-17.3820, 28.6820

■ 32.1540, -23.0200,
20.7240

■ 156.4740,
-17.7490, 29.8270

■ 7.8660, -22.1490,
21.4590

■ 183.8870,
-17.4740, 30.3500

■ 7.0050, -15.5910,
12.7370

■ 208.4070, -7.6150,
22.3770

■ 3.3230, -7.9790,
6.9410

■ 233.5140, 1.9690,
13.8810

■ 0.0000, 0.0000,
0.0000

■ 253.2390, 0.8250,

1.5690

■ 79.6540, -18.4360,
25.7560

■ 79.6540, -18.4360,
25.7560

■ 67.8480, -21.7380,
30.5340

■ 91.7590, -14.5380,
21.1900

■ 55.1560, -25.3610,
35.6230

■ 104.1520,
-11.5110, 15.8890

■ 43.3500, -28.6630,
40.4010

■ 116.2570, -7.6130,
11.3230

■ 30.6580, -32.2860,
45.4900

■ 128.6500, -4.5860,
6.0220

■ 22.0970, -34.9000,
48.8120

■ 140.7550, -0.6880,
1.4560

■ 152.5610, 2.6140,
-3.3220

■ 165.2530, 6.2370,
-8.4110

■ 177.0590, 9.5390,
-13.1890

■ 189.4520, 12.5660,
-18.4900

Harmonies

Analogous

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



66.3910, -72.5800, 4.7960



79.6540, -18.4360, 25.7560



79.0630, 23.1930, 36.7370

Triad

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



79.6540, -18.4360, 25.7560



74.1540, 54.9280, -4.2720



65.3580, -51.7590, -25.6390

Complementary

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



79.6540, -18.4360, 25.7560



132.3460, 18.4360, -25.7560

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.



59.1510, -38.4150, -36.1990



79.6540, -18.4360, 25.7560



74.1910, 35.1700, -20.6540

Square

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



79.6540, -18.4360, 25.7560



73.6610, 58.7750, 19.6310



68.6990, 9.7720, -33.9400



69.1030, -63.6820, -13.2980

Rectangle

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



79.6540, -18.4360, 25.7560



75.2410, 43.1830, 37.8950



68.6990, 9.7720, -33.9400



63.2890, -47.3110, -29.1590

Sweetspot

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



79.6540, -18.4360, 25.7560



160.6160, -7.2460, 10.1780



115.9930, -42.8210, -11.4050



78.9490, -3.9900, 6.2340



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.6540, -18.4360, 25.7560



86.8230, -28.6170, 39.5670



90.7170, 3.6160, 33.6000



65.0970, -1.6510, 2.3890



20.7720, -32.6070, 45.8010



1.2110, -1.9720, 2.7000

Inverse Universe

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



98.2480, 24.1100, 36.6380



115.6110, 36.9900, 56.5260



121.2830, -3.6160, -33.6000



66.7770, 2.2460, 3.3500



53.7030, 42.9030, 65.0070



3.1900, 2.5210, 3.8730

Previews

White Background



This preview shows how the YIQ color 79.6540, -18.4360, 25.7560 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 79.6540, -18.4360, 25.7560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

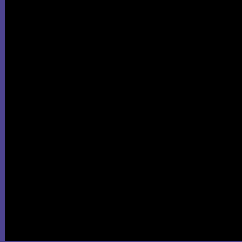
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 79.6540, -18.4360, 25.7560

Background



This preview shows how black text looks on a background with the YIQ color 79.6540, -18.4360, 25.7560.



This preview shows how white text looks on a background with the YIQ color 79.6540, -18.4360,

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

79.6540, -18.4360, 25.7560

Protanopia

72.2200, -49.7490, 15.0430

Deuteranopia

67.8180, -57.7250, 5.4030



Tritanopia

77.0030, -13.2500, -2.1620

Trichromacy



Original Color

79.6540, -18.4360, 25.7560

Protanomaly

74.9010, -38.4250, 19.0710

Deuteranomaly

72.4610, -43.2380, 12.6820

Tritanomaly

77.8430, -15.3150, 7.7330

Monochromacy



Original Color

79.6540, -18.4360, 25.7560

Achromatopsia

80.0000, 0.0000, -0.0000

Achromatomaly

79.9750, -6.8790, 9.0330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 79.6540, -18.4360, 25.7560 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(78, 68, 144)` looks like.

```
.text, #text, p{  
    color:rgb(78, 68, 144)  
}
```

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(78, 68, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 68, 144) }
```

Border

The CSS property to change the border of an element to YIQ 79.6540, -18.4360, 25.7560 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(78, 68, 144) }
```


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

```
.border{ border-color:rgb(78, 68, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 68, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 68, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 68, 144);  
box-shadow:4px 4px 4px 4px rgb(78, 68,  
144) }
```

Background

The CSS property to change the background color of an element to YIQ 79.6540, -18.4360, 25.7560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 68, 144) }
```

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

```
.background{ background-color: rgb(78, 68,  
144) }
```

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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