

Converting Colors

YIQ(79.2390, -8.3430, -8.4950)

Have a look what the booklet for
YIQ(79.2390, -8.3430, -8.4950)
contains.

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Color

**YIQ(79.2390, -8.3430,
-8.4950)**

Conversions

Conversions Part 1

Format	Color
Hex	42574A
RGB	66, 87, 74
RGB Percent	26%, 34%, 29%
CMY	0.7412, 0.6588, 0.7098
CMYK	0.24, 0.00, 0.15, 0.66
HSL	143°, 14%, 30%
HSV	143°, 24%, 34%
XYZ	6.8905, 8.4699, 7.7492
YIQ	79.2390, -8.3430, -8.4950

Conversions

Conversions Part 2

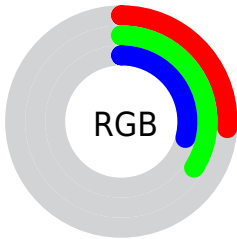
Format	Color
RYB	66, 81, 87
Decimal	4347722
CIELab	34.94, -11.10, 4.95
CIELCh	35, 12.151, 155.959
Yxy	8.4699, 0.2982, 0.3665
Android (android.graphics.Color)	4282537802 (0xFF42574A)
YUV	79.2390, -2.5828, -11.6106
Hunter-Lab	29.1031, -8.6683, 4.5851

Details

The YIQ color **79.2390, -8.3430, -8.4950** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **73.7610, 8.3430, 8.4950**, and the grayscale version is **79.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **128.5270, -9.2140, -9.2300**, and **34.6520, -8.0680, -7.9720** is the 20% darker color. If you saturate the color by 10%, you get **75.9780, -12.1020, -11.9580**, and if you desaturate by 10%, it is **82.5000, -4.5840, -5.0320**.

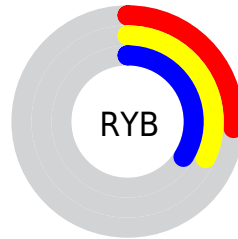
Distribution



Red (26%)

Green (34%)

Blue (29%)



Red (26%)

Yellow (32%)

Blue (34%)

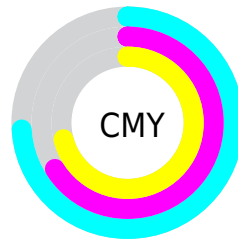


Cyan (24%)

Magenta (0%)

Yellow (15%)

Black (66%)



Cyan (74%)

Magenta (66%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 79.2390, -8.3430, -8.4950 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 79.2390, -8.3430, -8.4950 by changing the saturation by 10% instead.

■ 79.2390, -8.3430,
-8.4950

■ 79.2390, -8.3430,
-8.4950

■ 255.0000, -0.0000,
-0.0000

■ 56.5380, -7.7470,
-8.2830

■ 128.5270, -9.2140,
-9.2300

■ 34.6520, -8.0680,
-7.9720

■ 154.4130, -8.8930,
-9.5410

■ 13.4840, -7.6550,
-9.9510

■ 181.1140, -9.4890,
-9.7530

■ 0.0000, 0.0000,
0.0000

■ 209.0000, -9.1680,
-10.0640

■ 237.7010, -9.7640,
-10.2760

■ 253.5050, -2.9800,

-1.0600

■ 79.2390, -8.3430,
-8.4950

■ 79.2390, -8.3430,
-8.4950

■ 75.9780, -12.1020,
-11.9580

■ 82.5000, -4.5840,
-5.0320

■ 72.9020, -14.9440,
-15.5200

■ 85.5760, -1.7420,
-1.4700

■ 69.6410, -18.7030,
-18.9830

■ 88.8370, 2.0170,
1.9930

■ 66.2660, -22.1410,
-22.7570

■ 92.2120, 5.4550,
5.7670

■ 63.0050, -25.9000,
-26.2200

■ 95.1740, 8.6180,
9.0180

■ 60.0430, -29.0630,
-29.4710

■ 98.4350, 12.3770,
12.4810

■ 56.6680, -32.5010,
-33.2450

■ 101.8100, 15.8150,
16.2550

■ 54.8310, -34.5180,
-35.2380

■ 105.0710, 19.5740,
19.7180

■ 108.0330, 22.7370,
22.9690

Harmonies

Analogous

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



80.4420, 1.3310, -7.6050



79.2390, -8.3430, -8.4950



78.5740, -16.5960, -7.6040

Triad

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



79.2390, -8.3430, -8.4950



81.4750, -11.4630, 4.0010



83.2040, 17.1010, 3.9570

Complementary

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



79.2390, -8.3430, -8.4950



73.7610, 8.3430, 8.4950

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.



83.7570, 14.1660, 7.5900



79.2390, -8.3430, -8.4950



83.2590, -1.9270, 7.3930

Square

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



79.2390, -8.3430, -8.4950



79.8330, -18.5230, -0.2110



83.5760, 7.4260, 8.5940



82.4870, 14.6260, -0.7500

Rectangle

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



79.2390, -8.3430, -8.4950



78.3610, -20.3100, -6.3740



83.5760, 7.4260, 8.5940



83.5460, 16.1380, 4.8900

Sweetspot

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



79.2390, -8.3430, -8.4950



109.0380, -3.1630, -3.2510



82.2140, 1.9730, -8.2270



54.4620, -1.4210, -1.7810



184.0000, 0.0000, -0.0000



56.0000, -0.0000, 0.0000

Same Dimension

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



79.2390, -8.3430, -8.4950



100.1520, -12.6520, -13.0040



80.3790, -11.5530, -5.3850



41.5760, -1.7420, -1.4700



67.4830, -42.5860, -43.2100



148.0910, -93.1940, -95.2260

Inverse Universe

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



73.7610, 8.3430, 8.4950



91.8480, 12.6520, 13.0040



72.6210, 11.5530, 5.3850



40.5380, 1.4210, 1.7810



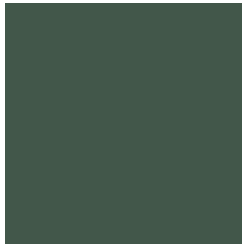
39.5170, 42.5860, 43.2100



86.7950, 93.5150, 94.9150

Previews

White Background



This preview shows how the YIQ color 79.2390, -8.3430, -8.4950 looks on a white background.

Color Contrast Check

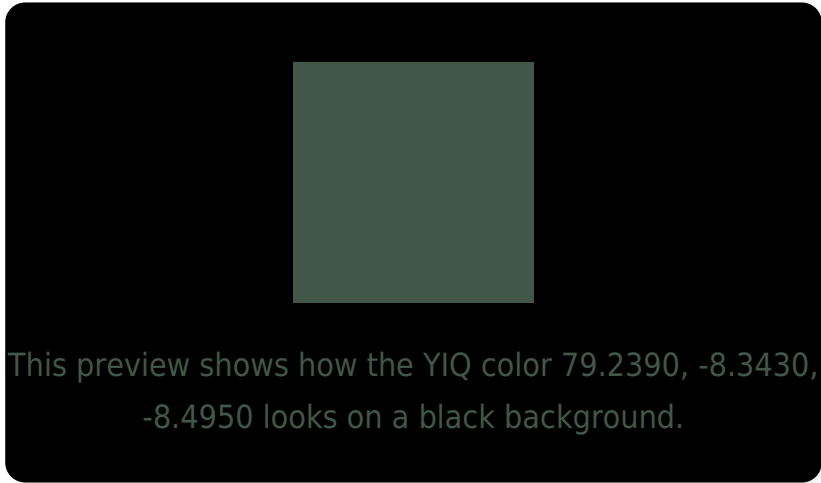
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

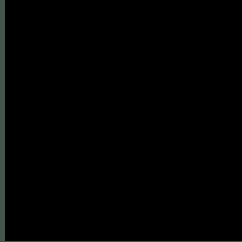
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 79.2390, -8.3430, -8.4950

Background



This preview shows how black text looks on a background with the YIQ color 79.2390, -8.3430, -8.4950.



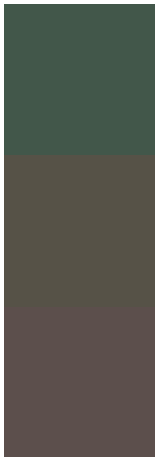
This preview shows how white text looks on a background with the YIQ color 79.2390, -8.3430, -8.4950.

-8.4950.

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

79.2390, -8.3430, -8.4950

Protanopia

81.9420, 5.9150, -2.5730

Deuteranopia

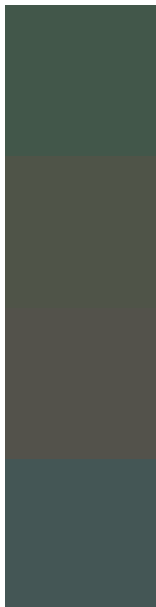
82.5450, 8.7110, 1.8230



Tritanopia

80.9000, -11.4620, -1.5260

Trichromacy



Original Color

79.2390, -8.3430, -8.4950

Protanomaly

81.1370, 0.8720, -4.7920

Deuteranomaly

81.5010, 2.8430, -1.9650

Tritanomaly

80.5040, -10.4070, -4.1270

Monochromacy



Original Color

79.2390, -8.3430, -8.4950

Achromatopsia

79.0000, -0.0000, 0.0000

Achromatomaly

79.0380, -3.1630, -3.2510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 79.2390, -8.3430, -8.4950 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(66, 87, 74)` looks like.

```
.text, #text, p{  
    color:rgb(66, 87, 74)  
}
```

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(66, 87, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 87, 74) }
```

Border

The CSS property to change the border of an element to YIQ 79.2390, -8.3430, -8.4950 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(66, 87, 74) }
```


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

```
.border{ border-color:rgb(66, 87, 74) }
```

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

Here you see how a box with a 4 pixel rgb(66, 87, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 87, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 87, 74);  
box-shadow:4px 4px 4px 4px rgb(66, 87, 74)  
}
```

Background

The CSS property to change the background color of an element to YIQ 79.2390, -8.3430, -8.4950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 87, 74) }
```

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

```
.background{ background-color: rgb(66, 87,  
74) }
```

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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