

Converting Colors

YIQ(79.4240, 10.9100, 11.5340)

Have a look what the booklet for
YIQ(79.4240, 10.9100, 11.5340)
contains.

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Color

**YIQ(79.4240, 10.9100,
11.5340)**

Conversions

Conversions Part 1

Format	Color
Hex	614557
RGB	97, 69, 87
RGB Percent	38%, 27%, 34%
CMY	0.6195, 0.7294, 0.6588
CMYK	0.00, 0.29, 0.10, 0.62
HSL	321°, 17%, 33%
HSV	321°, 29%, 38%
XYZ	8.7799, 7.4855, 10.0005
YIQ	79.4240, 10.9100, 11.5340

Conversions

Conversions Part 2

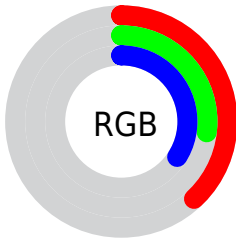
Format	Color
RYB	97, 69, 87
Decimal	6374743
CIELab	32.89, 15.30, -5.95
CIELCh	33, 16.416, 338.757
Yxy	7.4855, 0.3343, 0.2850
Android (android.graphics.Color)	4284564823 (0xFF614557)
YUV	79.4240, 3.7350, 15.4142
Hunter-Lab	27.3597, 9.4023, -2.5199

Details

The YIQ color **79.4240, 10.9100, 11.5340** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **86.5760, -10.9100, -11.5340**, and the grayscale version is **79.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **129.1360, 11.7810, 12.2690**, and **34.4130, 9.4430, 10.5870** is the 20% darker color. If you saturate the color by 10%, you get **73.2120, 14.6230, 15.8310**, and if you desaturate by 10%, it is **85.6360, 7.1970, 7.2370**.

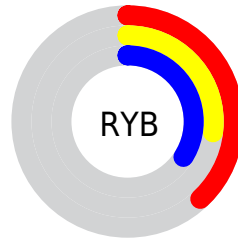
Distribution



 Red (38%)

 Green (27%)

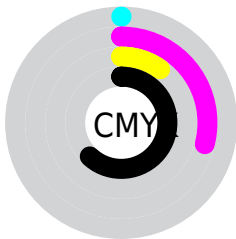
 Blue (34%)



 Red (38%)

 Yellow (27%)

 Blue (34%)

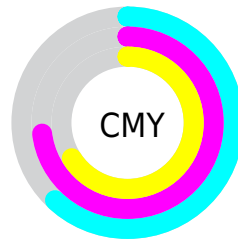


 Cyan (0%)

 Magenta (29%)

 Yellow (10%)

 Black (62%)



 Cyan (62%)

 Magenta (73%)

 Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 79.4240, 10.9100, 11.5340 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 79.4240, 10.9100, 11.5340 by changing the saturation by 10% instead.

■ 79.4240, 10.9100,
11.5340

■ 79.4240, 10.9100,
11.5340

255.0000, -0.0000,
-0.0000

■ 56.1250, 10.3140,
11.3220

■ 129.1360, 11.7810,
12.2690

■ 34.4130, 9.4430,
10.5870

■ 154.8480, 12.6520,
13.0040

■ 11.4780, 10.8180,
13.2020

■ 181.8480, 12.6520,
13.0040

■ 0.0000, 0.0000,
0.0000

■ 209.5600, 13.5230,
13.7390

■ 236.3640, 11.1390,
12.8910

254.4130, 0.2750,

0.5230

■ 79.4240, 10.9100,
11.5340

■ 79.4240, 10.9100,
11.5340

■ 73.2120, 14.6230,
15.8310

■ 85.6360, 7.1970,
7.2370

■ 67.4730, 18.3820,
19.2940

■ 91.3750, 3.4380,
3.7740

■ 61.2610, 22.0950,
23.5910

■ 97.5870, -0.2750,
-0.5230

■ 54.9350, 26.1290,
27.5770

■ 103.9130, -4.3090,
-4.5090

■ 48.7230, 29.8420,
31.8740

■ 110.1250, -8.0220,
-8.8060

■ 42.9840, 33.6010,
35.3370

■ 115.8640,
-11.7810, -12.2690

■ 36.7720, 37.3140,
39.6340

■ 122.0760,
-15.4940, -16.5660

■ 36.0710, 37.9100,
39.8460

■ 128.4020,
-19.5280, -20.5520

■ 134.0270,
-22.9660, -24.3260

Harmonies

Analogous

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



79.1390, -1.4690, 10.1070



79.4240, 10.9100, 11.5340



79.1490, 18.9340, 9.2860

Triad

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



79.4240, 10.9100, 11.5340



76.5310, 11.3260, -7.0260



70.9730, -30.9010, -7.1650

Complementary

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



79.4240, 10.9100, 11.5340



86.5760, -10.9100, -11.5340

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.



71.3880, -24.9400, -10.5720



79.4240, 10.9100, 11.5340



74.3770, -0.0440, -10.2200

Square

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



79.4240, 10.9100, 11.5340



77.4120, 19.2110, -1.2450



72.9070, -13.3400, -11.5480



73.4130, -26.0880, -0.7760

Rectangle

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



79.4240, 10.9100, 11.5340



78.8240, 21.2270, 6.2750



72.9070, -13.3400, -11.5480



70.5170, -29.6170, -8.4090

Sweetspot

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



79.4240, 10.9100, 11.5340



118.0870, 4.3090, 4.5090



75.1820, -3.0280, 10.8280



59.5490, 2.8880, 2.7280



191.0000, -0.0000, -0.0000



64.0000, -0.0000, -0.0000

Same Dimension

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



79.4240, 10.9100, 11.5340



97.3480, 17.2360, 18.0360



77.8280, 15.4040, 7.1800



45.5380, 1.4210, 1.7810



41.6960, 43.6400, 46.1360



89.3160, 93.6060, 98.7740

Inverse Universe

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



79.4240, 10.9100, 11.5340



97.3480, 17.2360, 18.0360



88.1720, -15.4040, -7.1800



45.5380, 1.4210, 1.7810



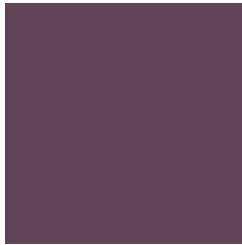
41.6960, 43.6400, 46.1360



89.3160, 93.6060, 98.7740

Previews

White Background



This preview shows how the YIQ color 79.4240, 10.9100, 11.5340 looks on a white background.

Color Contrast Check

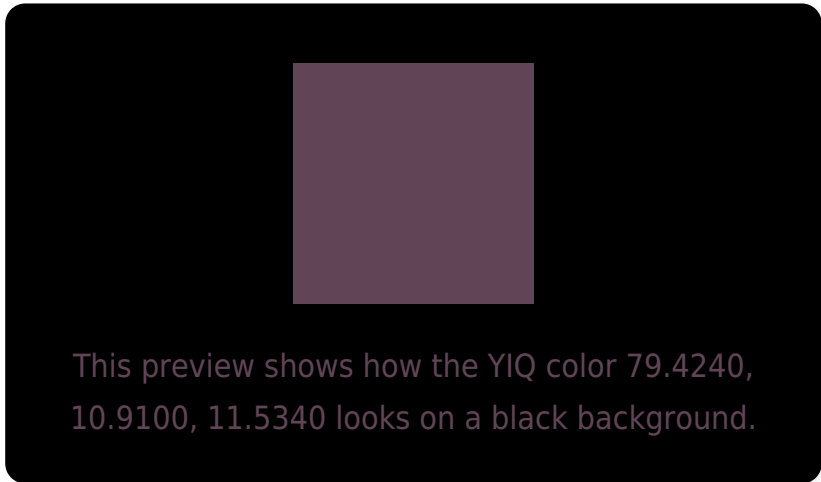
Large Text (above 18pt) WCAG AA ✓ Pass

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

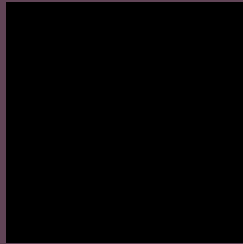
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 79.4240, 10.9100, 11.5340

Background



This preview shows how black text looks on a background with the YIQ color 79.4240, 10.9100, 11.5340.



This preview shows how white text looks on a background with the YIQ color 79.4240, 10.9100,

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

79.4240, 10.9100, 11.5340

Protanopia

77.8130, -6.6030, 4.0290

Deuteranopia

78.0480, 0.0450, 4.6930



Tritanopia

79.0450, 13.2950, 6.8550

Trichromacy



Original Color

79.4240, 10.9100, 11.5340

Protanomaly

78.2160, -0.3680, 6.6720

Deuteranomaly

78.6680, 4.1710, 7.0110

Tritanomaly

78.9140, 12.2860, 8.6220

Monochromacy



Original Color

79.4240, 10.9100, 11.5340

Achromatopsia

79.0000, -0.0000, 0.0000

Achromatomaly

79.0870, 4.3090, 4.5090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 79.4240, 10.9100, 11.5340 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(97, 69, 87)` looks like.

```
.text, #text, p{  
    color:rgb(97, 69, 87)  
}
```

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(97, 69, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 69, 87) }
```

Border

The CSS property to change the border of an element to YIQ 79.4240, 10.9100, 11.5340 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(97, 69, 87) }
```


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

```
.border{ border-color:rgb(97, 69, 87) }
```

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

Here you see how a box with a 4 pixel rgb(97, 69, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 69, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 69, 87);  
box-shadow:4px 4px 4px 4px rgb(97, 69, 87)  
}
```

Background

The CSS property to change the background color of an element to YIQ 79.4240, 10.9100, 11.5340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 69, 87) }
```

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

```
.background{ background-color: rgb(97, 69,  
87) }
```

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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