

Converting Colors

YIQ(81.7870, 5.4540, 11.2940)

Have a look what the booklet for
YIQ(81.7870, 5.4540, 11.2940)
contains.

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Color

**YIQ(81.7870, 5.4540,
11.2940)**

Conversions

Conversions Part 1

Format	Color
Hex	5E495F
RGB	94, 73, 95
RGB Percent	37%, 29%, 37%
CMY	0.6313, 0.7138, 0.6274
CMYK	0.01, 0.23, 0.00, 0.63
HSL	297°, 13%, 33%
HSV	297°, 23%, 37%
XYZ	9.0653, 7.9707, 11.8875
YIQ	81.7870, 5.4540, 11.2940

Conversions

Conversions Part 2

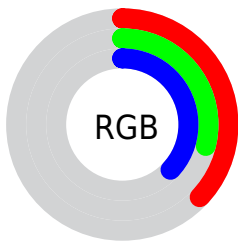
Format	Color
R_{YB}	94, 73, 95
Decimal	6179167
CIE _{Lab}	33.92, 13.27, -9.52
CIE _{LCh}	34, 16.327, 324.347
Yxy	7.9707, 0.3134, 0.2756
Android (android.graphics.Color)	4284369247 (0xFF5E495F)
YUV	81.7870, 6.5140, 10.7108
Hunter-Lab	28.2325, 7.9089, -5.2017

Details

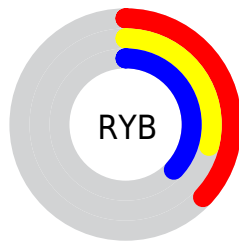
The YIQ color **81.7870, 5.4540, 11.2940** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **86.2130, -5.4540, -11.2940**, and the grayscale version is **82.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **131.4990, 6.3250, 12.0290**, and **36.9610, 4.9040, 10.2480** is the 20% darker color. If you saturate the color by 10%, you get **75.9170, 8.2040, 16.5240**, and if you desaturate by 10%, it is **87.0700, 2.9790, 6.5870**.

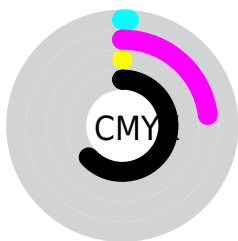
Distribution



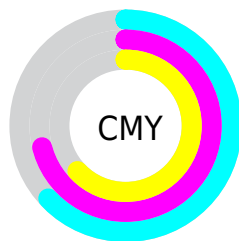
- Red (37%)
- Green (29%)
- Blue (37%)



- Red (37%)
- Yellow (29%)
- Blue (37%)



- Cyan (1%)
- Magenta (23%)
- Yellow (0%)
- Black (63%)



- Cyan (63%)
- Magenta (71%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 81.7870, 5.4540, 11.2940 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 81.7870, 5.4540, 11.2940 by changing the saturation by 10% instead.

■ 81.7870, 5.4540,
11.2940

■ 81.7870, 5.4540,
11.2940

■ 255.0000, -0.0000,
-0.0000

■ 58.3740, 5.1790,
10.7710

■ 131.4990, 6.3250,
12.0290

■ 36.9610, 4.9040,
10.2480

■ 157.6130, 6.0040,
12.3400

■ 14.4990, 6.3250,
12.0290

■ 184.3250, 6.8750,
13.0750

■ 0.0000, 0.0000,
0.0000

■ 212.3250, 6.8750,
13.0750

■ 240.3250, 6.8750,
13.0750

■ 81.7870, 5.4540,
11.2940

■ 81.7870, 5.4540,
11.2940

■ 75.9170, 8.2040,
16.5240

■ 87.0700, 2.9790,
6.5870

■ 70.3350, 10.0830,
21.0190

■ 93.2390, 0.8250,
1.5690

■ 64.4650, 12.8330,
26.2490

■ 98.5220, -1.6500,
-3.1380

■ 58.8830, 14.7120,
30.7440

■ 104.6910, -3.8040,
-8.1560

■ 53.0130, 17.4620,
35.9740

■ 109.9740, -6.2790,
-12.8630

■ 47.4310, 19.3410,
40.4690

■ 116.1430, -8.4330,
-17.8810

■ 41.5610, 22.0910,
45.6990


■ 121.4260,
-10.9080, -22.5880

■ 38.0390, 23.7410,

■ 127.2960,

48.8370

-13.6580, -27.8180

 132.8780,
-15.5370, -32.3130

Harmonies

Analogous

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



80.2630, -7.7500, 8.2980



81.7870, 5.4540, 11.2940



81.6480, 16.0910, 11.2510

Triad

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



81.7870, 5.4540, 11.2940



79.1510, 15.4520, -4.7080



73.2890, -28.9750, -9.0310

Complementary

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



81.7870, 5.4540, 11.2940



86.2130, -5.4540, -11.2940

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.



74.4980, -19.4380, -11.1660



81.7870, 5.4540, 11.2940



77.8400, 5.9620, -8.9340

Square

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



81.7870, 5.4540, 11.2940



80.3630, 20.9070, 1.0590



76.0280, -6.3710, -11.1950



74.4510, -29.2510, -4.0270

Rectangle

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



81.7870, 5.4540, 11.2940



81.2200, 20.1720, 8.8760



76.0280, -6.3710, -11.1950



73.4310, -26.4990, -9.8510

Sweetspot

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



81.7870, 5.4540, 11.2940



117.3040, 2.2000, 4.1840



76.0950, -7.3370, 6.3190



58.0650, 1.3750, 2.6150



189.0000, -0.0000, -0.0000



61.0000, 0.0000, -0.0000

Same Dimension

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



81.7870, 5.4540, 11.2940



101.7430, 8.7540, 17.5700



80.9460, 9.2600, 8.3960



45.6520, 1.1000, 2.0920



44.7610, 27.8200, 57.5160



95.8310, 59.4440, 123.1880

Inverse Universe

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



79.6920, 12.7910, 4.9750



98.3940, 19.6220, 7.8300



87.0540, -9.2600, -8.3960



45.1960, 2.3840, 0.8480



34.0580, 65.1470, 25.2990



73.0140, 139.5090, 54.3010

Previews

White Background



This preview shows how the YIQ color 81.7870, 5.4540, 11.2940 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 81.7870, 5.4540, 11.2940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

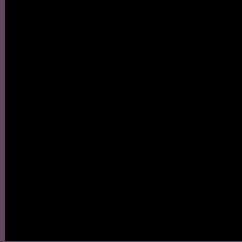
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 81.7870, 5.4540, 11.2940

Background



This preview shows how black text looks on a background with the YIQ color 81.7870, 5.4540, 11.2940.



This preview shows how white text looks on a background with the YIQ color 81.7870, 5.4540,

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

81.7870, 5.4540, 11.2940

Protanopia

80.0840, -8.8040, 5.3720

Deuteranopia

80.7210, -3.3480, 5.6120



Tritanopia

80.7670, 8.2060, 5.4700

Trichromacy



Original Color

81.7870, 5.4540, 11.2940

Protanomaly

80.8890, -3.7610, 7.5910

Deuteranomaly

81.0420, 0.1820, 7.7180

Tritanomaly

81.0490, 7.4720, 7.7600

Monochromacy



Original Color

81.7870, 5.4540, 11.2940

Achromatopsia

82.0000, 0.0000, -0.0000

Achromatomaly

82.0050, 1.6040, 3.9720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 81.7870, 5.4540, 11.2940 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(94, 73, 95)` looks like.

```
.text, #text, p{  
    color:rgb(94, 73, 95)  
}
```

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(94, 73, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 73, 95) }
```

Border

The CSS property to change the border of an element to YIQ 81.7870, 5.4540, 11.2940 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(94, 73, 95) }
```


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

```
.border{ border-color:rgb(94, 73, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 73, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 73, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 73, 95);  
box-shadow:4px 4px 4px 4px rgb(94, 73, 95)  
}
```

Background

The CSS property to change the background color of an element to YIQ 81.7870, 5.4540, 11.2940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 73, 95) }
```

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

```
.background{ background-color: rgb(94, 73,  
95) }
```

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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