

Converting Colors

YIQ(79.6840, 7.2420, 11.9300)

Have a look what the booklet for
YIQ(79.6840, 7.2420, 11.9300)
contains.

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Color

**YIQ(79.6840, 7.2420,
11.9300)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|--------------------------|
| Hex | 5E465C |
| RGB | 94, 70, 92 |
| RGB Percent | 37%, 27%, 36% |
| CMY | 0.6313, 0.7255, 0.6392 |
| CMYK | 0.00, 0.26, 0.02, 0.63 |
| HSL | 305°, 15%, 32% |
| HSV | 305°, 26%, 37% |
| XYZ | 8.7394, 7.5325, 11.1192 |
| YIQ | 79.6840, 7.2420, 11.9300 |

Conversions

Conversions Part 2

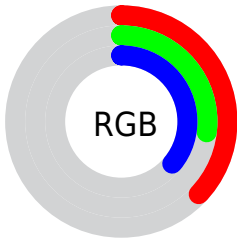
| Format | Color |
|-------------------------------------|-----------------------------|
| R_{YB} | 94, 70, 92 |
| Decimal | 6178396 |
| CIE Lab | 32.99, 14.51, -9.02 |
| CIE LCh | 33, 17.087, 328.143 |
| Yxy | 7.5325, 0.3191, 0.2750 |
| Android (android.graphics.Color) | 4284368476 (0xFF5E465C) |
| YUV | 79.6840, 6.0718, 12.5551 |
| Hunter-Lab | 27.4453, 8.8102, -4.8090 |

Details

The YIQ color **79.6840, 7.2420, 11.9300** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **84.3160, -7.2420, -11.9300**, and the grayscale version is **80.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **129.3960, 8.1130, 12.6650**, and **34.5590, 6.0960, 10.6720** is the 20% darker color. If you saturate the color by 10%, you get **74.2870, 10.0380, 16.3260**, and if you desaturate by 10%, it is **85.0810, 4.4460, 7.5340**.

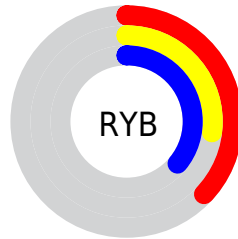
Distribution



Red (37%)

Green (27%)

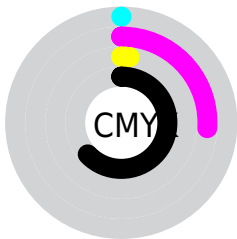
Blue (36%)



Red (37%)

Yellow (27%)

Blue (36%)

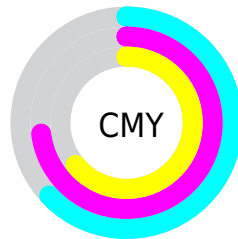


Cyan (0%)

Magenta (26%)

Yellow (2%)

Black (63%)



Cyan (63%)

Magenta (73%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 79.6840, 7.2420, 11.9300 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 79.6840, 7.2420, 11.9300 by changing the saturation by 10% instead.

■ 79.6840, 7.2420,
11.9300

■ 79.6840, 7.2420,
11.9300

255.0000, -0.0000,
-0.0000

■ 56.2710, 6.9670,
11.4070

■ 129.3960, 8.1130,
12.6650

■ 34.5590, 6.0960,
10.6720

■ 154.9230, 8.0670,
13.4990

■ 11.3360, 8.3420,
14.0220

■ 182.2220, 8.6630,
13.7110

■ 0.0000, 0.0000,
0.0000

■ 209.6350, 8.9380,
14.2340

■ 237.6350, 8.9380,
14.2340

79.6840, 7.2420,
11.9300

79.6840, 7.2420,
11.9300

74.2870, 10.0380,
16.3260

85.0810, 4.4460,
7.5340

68.3030, 13.1090,
21.2450

91.0650, 1.3750,
2.6150

63.0200, 15.5840,
25.9520

96.3480, -1.1000,
-2.0920

57.0360, 18.6550,
30.8710

102.3320, -4.1710,
-7.0110

51.6390, 21.4510,
35.2670

107.7290, -6.9670,
-11.4070

46.2420, 24.2470,
39.6630

113.1260, -9.7630,
-15.8030

40.2580, 27.3180,
44.5820


119.1100,
-12.8340, -20.7220

37.9100, 28.4180,

124.3930,

46.6740

-15.3090, -25.4290

 130.3770,
-18.3800, -30.3480

Harmonies

Analogous

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



78.2740, -6.2830, 9.2450



79.6840, 7.2420, 11.9300



79.7190, 17.3290, 10.8410

Triad

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



79.6840, 7.2420, 11.9300



76.7380, 15.1770, -5.2310



70.3210, -32.0010, -9.2570

Complementary

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



79.6840, 7.2420, 11.9300



84.3160, -7.2420, -11.9300

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.



71.4160, -22.1430, -11.7030



79.6840, 7.2420, 11.9300



75.8290, 4.4950, -9.8810

Square

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



79.6840, 7.2420, 11.9300



78.1350, 21.5490, 0.4370



73.8320, -8.7550, -12.0430



72.3800, -30.4890, -3.6170

Rectangle

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



79.6840, 7.2420, 11.9300



79.2910, 21.4100, 8.4660



73.8320, -8.7550, -12.0430



70.3490, -29.2040, -10.3880

Sweetspot

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



79.6840, 7.2420, 11.9300



116.7170, 2.4750, 4.7070



73.3340, -6.5120, 7.8880



57.4780, 1.6500, 3.1380



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.



79.6840, 7.2420, 11.9300



99.3520, 11.4130, 18.9410



78.3160, 11.0940, 8.1980



43.0650, 1.3750, 2.6150



44.2900, 33.4600, 54.4200



95.6010, 71.5950, 117.7310

Inverse Universe

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



79.6840, 7.2420, 11.9300



99.3520, 11.4130, 18.9410



85.6840, -11.0940, -8.1980



43.0650, 1.3750, 2.6150



44.2900, 33.4600, 54.4200



95.6010, 71.5950, 117.7310

Previews

White Background



This preview shows how the YIQ color 79.6840, 7.2420, 11.9300 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 79.6840, 7.2420, 11.9300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

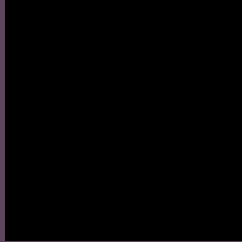
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 79.6840, 7.2420, 11.9300

Background



This preview shows how black text looks on a background with the YIQ color 79.6840, 7.2420, 11.9300.

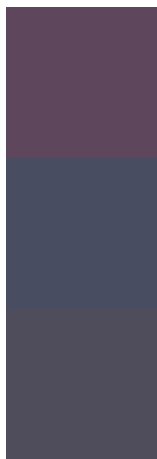


This preview shows how white text looks on a background with the YIQ color 79.6840, 7.2420,

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

79.6840, 7.2420, 11.9300

Protanopia

78.0840, -8.8040, 5.3720

Deuteranopia

78.6070, -3.0270, 5.3010



Tritanopia

79.2510, 9.7190, 5.5830

Trichromacy



Original Color

79.6840, 7.2420, 11.9300

Protanomaly

78.4870, -2.5690, 8.0150

Deuteranomaly

78.9280, 0.5030, 7.4070

Tritanomaly

79.5330, 8.9850, 7.8730

Monochromacy



Original Color

79.6840, 7.2420, 11.9300

Achromatopsia

80.0000, 0.0000, -0.0000

Achromatomaly

79.6030, 2.7960, 4.3960

CSS Examples

Text

The CSS property to change the color of the text to YIQ 79.6840, 7.2420, 11.9300 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, 70, 92) looks like.

```
.text, #text, p{  
    color:rgb(94, 70, 92)  
}
```

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, 70, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 70, 92) }
```

Border

The CSS property to change the border of an element to YIQ 79.6840, 7.2420, 11.9300 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, 70, 92) }
```


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

```
.border{ border-color:rgb(94, 70, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 70, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 70, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 70, 92);  
box-shadow:4px 4px 4px 4px rgb(94, 70, 92)  
}
```

Background

The CSS property to change the background color of an element to YIQ 79.6840, 7.2420, 11.9300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 70, 92) }
```

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

```
.background{ background-color: rgb(94, 70,  
92) }
```

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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