

Converting Colors

YIQ(114.1140, 8.8470, 10.3750)

Have a look what the booklet for
YIQ(114.1140, 8.8470, 10.3750)
contains.

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Color

**YIQ(114.1140, 8.8470,
10.3750)**

Conversions

Conversions Part 1

Format	Color
Hex	81697A
RGB	129, 105, 122
RGB Percent	51%, 41%, 48%
CMY	0.4940, 0.5883, 0.5215
CMYK	0.00, 0.19, 0.05, 0.49
HSL	318°, 10%, 46%
HSV	318°, 19%, 51%
XYZ	17.6196, 16.1749, 20.6076
YIQ	114.1140, 8.8470, 10.3750

Conversions

Conversions Part 2

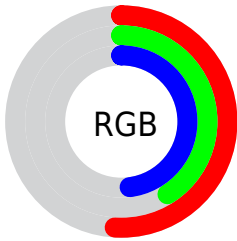
Format	Color
R_{YB}	129, 105, 122
Decimal	8481146
CIE Lab	47.20, 12.67, -5.86
CIE LCh	47, 13.957, 335.181
Yxy	16.1749, 0.3239, 0.2973
Android (android.graphics.Color)	4286671226 (0xFF81697A)
YUV	114.1140, 3.8878, 13.0550
Hunter-Lab	40.2180, 7.8200, -2.2274

Details

The YIQ color **114.1140, 8.8470, 10.3750** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **119.8860, -8.8470, -10.3750**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.8260, 9.7180, 11.1100**, and **66.2880, 8.2970, 9.3290** is the 20% darker color. If you saturate the color by 10%, you get **106.0270, 13.7060, 15.9300**, and if you desaturate by 10%, it is **122.2010, 3.9880, 4.8200**.

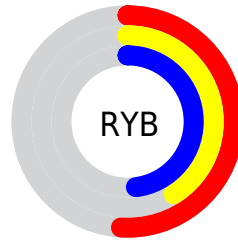
Distribution



Red (51%)

Green (41%)

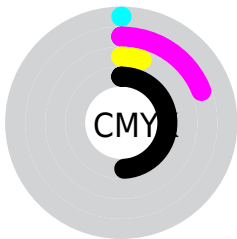
Blue (48%)



Red (51%)

Yellow (41%)

Blue (48%)

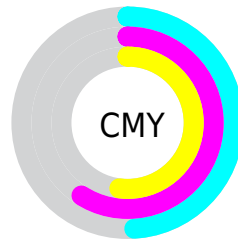


Cyan (0%)

Magenta (19%)

Yellow (5%)

Black (49%)



Cyan (49%)


Magenta (59%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 114.1140, 8.8470, 10.3750 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 114.1140, 8.8470, 10.3750 by changing the saturation by 10% instead.


 114.1140, 8.8470,
10.3750

 114.1140, 8.8470,
10.3750


255.0000, -0.0000,
-0.0000


 89.7010, 8.5720,
9.8520


 165.8260, 9.7180,
11.1100


 66.2880, 8.2970,
9.3290


 193.2390, 9.9930,
11.6330


 43.6900, 7.1050,
8.9050

 221.2390, 9.9930,
11.6330

 22.6900, 7.1050,
8.9050

 245.6080, 4.4000,
8.3680

 0.3420, -0.9630,
0.9330

 0.0000, 0.0000,
0.0000

■ 114.1140, 8.8470,
10.3750

■ 114.1140, 8.8470,
10.3750

■ 106.0270, 13.7060,
15.9300

■ 122.2010, 3.9880,
4.8200

■ 97.9400, 18.5650,
21.4850

■ 130.2880, -0.8710,
-0.7350

■ 89.9670, 23.1030,
27.3510

■ 138.2610, -5.4090,
-6.6010

■ 81.8800, 27.9620,
32.9060

■ 146.3480,
-10.2680, -12.1560

■ 73.7930, 32.8210,
38.4610

■ 154.4350,
-15.1270, -17.7110

■ 66.2930, 37.4050,
43.4930

■ 161.9350,
-19.7110, -22.7430

■ 58.3200, 41.9430,
49.3590

■ 169.9080,
-24.2490, -28.6090

■ 50.2330, 46.8020,

■ 177.9950,

54.9140

-29.1080, -34.1640

■ 48.9450, 47.6730,
55.6490

■ 186.0820,
-33.9670, -39.7190

Harmonies

Analogous

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



113.3130, -2.0190, 9.0610



114.1140, 8.8470, 10.3750



114.2520, 17.1460, 8.6500

Triad

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



114.1140, 8.8470, 10.3750



111.4710, 11.5550, -5.6690



107.4360, -24.8950, -5.8790

Complementary

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



114.1140, 8.8470, 10.3750



119.8860, -8.8470, -10.3750

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.



107.6660, -19.8510, -9.1870



114.1140, 8.8470, 10.3750



109.8010, 1.6980, -8.7500

Square

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



114.1140, 8.8470, 10.3750



112.6400, 18.5690, -0.6230



108.7010, -9.7640, -10.2760



109.2670, -22.7410, -0.8610

Rectangle

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



114.1140, 8.8470, 10.3750



113.3400, 19.7140, 6.1620



108.7010, -9.7640, -10.2760



106.9800, -23.6110, -7.1230

Sweetspot

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



114.1140, 8.8470, 10.3750



161.7880, 3.7130, 4.2970



109.8290, -3.5320, 8.9480



80.2500, 2.2920, 2.5160



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

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



114.1140, 8.8470, 10.3750



145.0270, 13.7060, 15.9300



112.7460, 12.6990, 6.6430



59.6630, 2.5670, 3.0390



48.5320, 47.3980, 55.1260



0.0000, 0.0000, 0.0000

Inverse Universe

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



114.1140, 8.8470, 10.3750



145.0270, 13.7060, 15.9300



121.2540, -12.6990, -6.6430



59.6630, 2.5670, 3.0390



48.5320, 47.3980, 55.1260



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 114.1140, 8.8470, 10.3750 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 × Fail

Black Background



This preview shows how the YIQ color 114.1140, 8.8470, 10.3750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 114.1140, 8.8470, 10.3750

Background



This preview shows how black text looks on a background with the YIQ color 114.1140, 8.8470, 10.3750.



This preview shows how white text looks on a background with the YIQ color 114.1140, 8.8470,

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

114.1140, 8.8470, 10.3750

Protanopia

112.4110, -5.4110, 4.4530

Deuteranopia

113.3580, 2.1080, 5.8520



Tritanopia

113.6040, 10.2230, 7.4630

Trichromacy



Original Color

114.1140, 8.8470, 10.3750

Protanomaly

113.2160, -0.3680, 6.6720

Deuteranomaly

113.9670, 4.7670, 7.2230

Tritanomaly

113.9460, 9.2600, 8.3960

Monochromacy



Original Color

114.1140, 8.8470, 10.3750

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.0760, 2.8420, 3.5620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 114.1140, 8.8470, 10.3750 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(129, 105, 122)` looks like.

```
.text, #text, p{  
    color:rgb(129, 105, 122)  
}
```

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(129, 105, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 105, 122) }
```

Border

The CSS property to change the border of an element to YIQ 114.1140, 8.8470, 10.3750 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(129, 105, 122) }
```


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

```
.border{ border-color:rgb(129, 105, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 105, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 105, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 105, 122);  
box-shadow:4px 4px 4px 4px rgb(129, 105,  
122) }
```

Background

The CSS property to change the background color of an element to YIQ 114.1140, 8.8470, 10.3750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 105, 122) }
```

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

```
.background{ background-color: rgb(129,  
105, 122) }
```

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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