

Converting Colors

YIQ(102.6240, 7.4710, 13.2870)

Have a look what the booklet for
YIQ(102.6240, 7.4710, 13.2870)
contains.

YIQ(102.6240, 7.4710, 13.2870)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(102.6240, 7.4710,
13.2870)**

Conversions

Conversions Part 1

Format	Color
Hex	765C75
RGB	118, 92, 117
RGB Percent	46%, 36%, 46%
CMY	0.5372, 0.6392, 0.5412
CMYK	0.00, 0.22, 0.01, 0.54
HSL	302°, 12%, 41%
HSV	302°, 22%, 46%
XYZ	14.5111, 12.7898, 18.5343
YIQ	102.6240, 7.4710, 13.2870

Conversions

Conversions Part 2

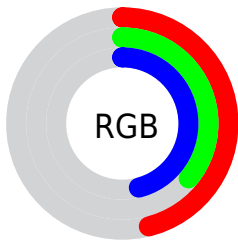
Format	Color
R_{YB}	118, 92, 117
Decimal	7756917
CIE _{Lab}	42.44, 15.32, -10.07
CIE _{LCh}	42, 18.333, 326.665
Yxy	12.7898, 0.3166, 0.2790
Android (android.graphics.Color)	4285946997 (0xFF765C75)
YUV	102.6240, 7.0874, 13.4848
Hunter-Lab	35.7628, 9.8435, -5.6935

Details

The YIQ color **102.6240, 7.4710, 13.2870** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **107.3760, -7.4710, -13.2870**, and the grayscale version is **103.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **153.4500, 8.0210, 14.3330**, and **55.4990, 6.3250, 12.0290** is the 20% darker color. If you saturate the color by 10%, you get **95.5800, 10.7710, 19.5630**, and if you desaturate by 10%, it is **109.6680, 4.1710, 7.0110**.

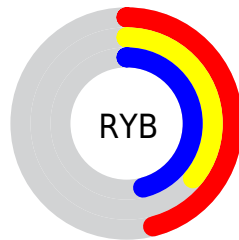
Distribution



Red (46%)

Green (36%)

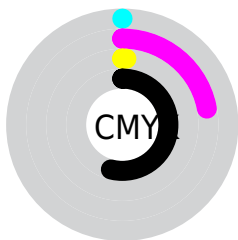
Blue (46%)



Red (46%)

Yellow (36%)

Blue (46%)

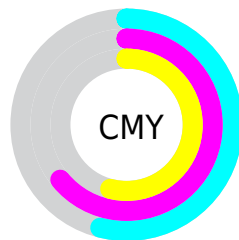


Cyan (0%)

Magenta (22%)

Yellow (1%)

Black (54%)



Cyan (54%)

Magenta (64%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 102.6240, 7.4710, 13.2870 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 102.6240, 7.4710, 13.2870 by changing the saturation by 10% instead.

■ 102.6240, 7.4710,
13.2870

■ 102.6240, 7.4710,
13.2870

■ 255.0000, -0.0000,
-0.0000

■ 78.2110, 7.1960,
12.7640

■ 153.4500, 8.0210,
14.3330

■ 55.4990, 6.3250,
12.0290

■ 180.7490, 8.6170,
14.5450

■ 33.9720, 6.3710,
11.1950

■ 208.1620, 8.8920,
15.0680

■ 11.3360, 8.3420,
14.0220

■ 236.5750, 9.1670,
15.5910

■ 0.0000, 0.0000,
0.0000

■ 253.8260, 0.5500,
1.0460

102.6240, 7.4710,
13.2870

102.6240, 7.4710,
13.2870

95.5800, 10.7710,
19.5630

109.6680, 4.1710,
7.0110

88.4220, 14.3920,
25.5280

116.8260, 0.5500,
1.0460

81.9650, 17.4170,
31.2810

123.2830, -2.4750,
-4.7070

74.8070, 21.0380,
37.2460

130.4410, -6.0960,
-10.6720

67.7630, 24.3380,
43.5220

137.4850, -9.3960,
-16.9480

60.6050, 27.9590,
49.4870

144.6430,
-13.0170, -22.9130

53.5610, 31.2590,
55.7630


151.6870,
-16.3170, -29.1890

48.1640, 34.0550,

158.2580,

60.1590

-19.6630, -34.6310

 165.3020,
-22.9630, -40.9070

Harmonies

Analogous

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



101.3170, -7.8420, 9.9660



102.6240, 7.4710, 13.2870



102.4420, 19.6670, 12.5230

Triad

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



102.6240, 7.4710, 13.2870



99.8800, 17.6530, -6.0510



92.4240, -33.7890, -9.8930

Complementary

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



102.6240, 7.4710, 13.2870



107.3760, -7.4710, -13.2870

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.



93.9920, -23.8850, -13.1730



102.6240, 7.4710, 13.2870



97.7860, 6.0540, -10.6020

Square

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



102.6240, 7.4710, 13.2870



101.1030, 24.5750, 0.6630



95.8920, -8.9840, -13.4000



94.4120, -33.5150, -3.8430

Rectangle

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



102.6240, 7.4710, 13.2870



101.9000, 24.0690, 9.8370



95.8920, -8.9840, -13.4000



93.0390, -31.2670, -11.5470

Sweetspot

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



102.6240, 7.4710, 13.2870



146.5430, 3.0250, 5.7530



95.2630, -7.7500, 8.2980



72.7770, 2.2460, 3.3500



204.0000, -0.0000, -0.0000



77.0000, -0.0000, -0.0000

Same Dimension

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



102.6240, 7.4710, 13.2870



129.2920, 11.6420, 20.2980



101.1420, 11.6440, 9.2440



55.3640, 1.9710, 2.8270



49.9300, 34.8340, 62.5620



102.1100, 71.9600, 127.6400

Inverse Universe

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



102.6240, 7.4710, 13.2870



129.2920, 11.6420, 20.2980



108.8580, -11.6440, -9.2440



55.3640, 1.9710, 2.8270



49.9300, 34.8340, 62.5620



102.1100, 71.9600, 127.6400

Previews

White Background



This preview shows how the YIQ color 102.6240, 7.4710, 13.2870 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 102.6240, 7.4710, 13.2870 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 102.6240, 7.4710, 13.2870

Background



This preview shows how black text looks on a background with the YIQ color 102.6240, 7.4710, 13.2870.



This preview shows how white text looks on a background with the YIQ color 102.6240, 7.4710,

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

102.6240, 7.4710, 13.2870

Protanopia

100.4260, -9.7670, 6.3050

Deuteranopia

101.5470, -2.7980, 6.6580



Tritanopia

102.0770, 10.2690, 6.6290

Trichromacy



Original Color

102.6240, 7.4710, 13.2870

Protanomaly

100.8290, -3.5320, 8.9480

Deuteranomaly

101.8680, 0.7320, 8.7640

Tritanomaly

102.3590, 9.5350, 8.9190

Monochromacy



Original Color

102.6240, 7.4710, 13.2870

Achromatopsia

103.0000, -0.0000, 0.0000

Achromatomaly

102.7170, 2.4750, 4.7070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 102.6240, 7.4710, 13.2870 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(118, 92, 117)` looks like.

```
.text, #text, p{  
    color:rgb(118, 92, 117)  
}
```

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(118, 92, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 92, 117) }
```

Border

The CSS property to change the border of an element to YIQ 102.6240, 7.4710, 13.2870 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(118, 92, 117) }
```


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

```
.border{ border-color:rgb(118, 92, 117) }
```

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

Here you see how a box with a 4 pixel rgb(118, 92, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 92, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 92, 117);  
box-shadow:4px 4px 4px 4px rgb(118, 92,  
117) }
```

Background

The CSS property to change the background color of an element to YIQ 102.6240, 7.4710, 13.2870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 92, 117) }
```

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

```
.background{ background-color: rgb(118, 92,  
117) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor