

Converting Colors

YIQ(111.8580, 6.6920, 10.8840)

Have a look what the booklet for
YIQ(111.8580, 6.6920, 10.8840)
contains.

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Color

**YIQ(111.8580, 6.6920,
10.8840)**

Conversions

Conversions Part 1

Format	Color
Hex	7D677B
RGB	125, 103, 123
RGB Percent	49%, 40%, 48%
CMY	0.5097, 0.5961, 0.5176
CMYK	0.00, 0.18, 0.02, 0.51
HSL	305°, 10%, 45%
HSV	305°, 18%, 49%
XYZ	16.8845, 15.4900, 20.8398
YIQ	111.8580, 6.6920, 10.8840

Conversions

Conversions Part 2

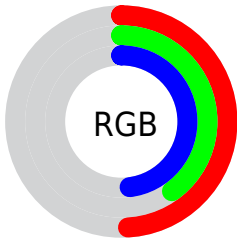
Format	Color
R_{YB}	125, 103, 123
Decimal	8218491
CIE _{Lab}	46.30, 12.55, -7.85
CIE _{LCh}	46, 14.799, 327.974
Yxy	15.4900, 0.3173, 0.2911
Android (android.graphics.Color)	4286408571 (0xFF7D677B)
YUV	111.8580, 5.4930, 11.5255
Hunter-Lab	39.3574, 7.7021, -3.8440

Details

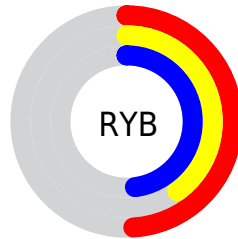
The YIQ color **111.8580, 6.6920, 10.8840** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **116.1420, -6.6920, -10.8840**, and the grayscale version is **112.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **163.5700, 7.5630, 11.6190**, and **64.0320, 6.1420, 9.8380** is the 20% darker color. If you saturate the color by 10%, you get **104.1130, 10.5880, 17.3720**, and if you desaturate by 10%, it is **119.0160, 3.0710, 4.9190**.

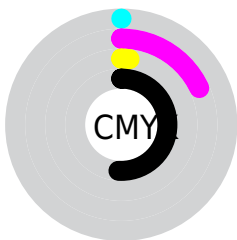
Distribution



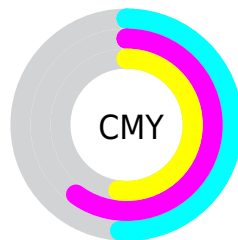
- Red (49%)
- Green (40%)
- Blue (48%)



- Red (49%)
- Yellow (40%)
- Blue (48%)



- Cyan (0%)
- Magenta (18%)
- Yellow (2%)
- Black (51%)



- Cyan (51%)
- Magenta (60%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 111.8580, 6.6920, 10.8840 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 111.8580, 6.6920, 10.8840 by changing the saturation by 10% instead.

■ 111.8580, 6.6920,
10.8840

■ 111.8580, 6.6920,
10.8840

■ 255.0000, -0.0000,
-0.0000

■ 87.4450, 6.4170,
10.3610

■ 163.5700, 7.5630,
11.6190

■ 64.0320, 6.1420,
9.8380

■ 190.6840, 7.2420,
11.9300

■ 41.7330, 5.5460,
9.6260

■ 218.9830, 7.8380,
12.1420

■ 20.7330, 5.5460,
9.6260

■ 244.4340, 4.9500,
9.4140

■ 0.4560, -1.2840,
1.2440

■ 0.0000, 0.0000,
0.0000

■ 111.8580, 6.6920,
10.8840

■ 111.8580, 6.6920,
10.8840

■ 104.1130, 10.5880,
17.3720

■ 119.0160, 3.0710,
4.9190

■ 96.9550, 14.2090,
23.3370

■ 126.7610, -0.8250,
-1.5690

■ 89.2100, 18.1050,
29.8250

■ 133.9190, -4.4460,
-7.5340

■ 81.9380, 22.0470,
35.4790

■ 141.7780, -8.6630,
-13.7110

■ 74.1930, 25.9430,
41.9670

■ 149.5230,
-12.5590, -20.1990

■ 67.0350, 29.5640,
47.9320

■ 156.6810,
-16.1800, -26.1640

■ 59.2900, 33.4600,
54.4200

■ 164.4260,
-20.0760, -32.6520

■ 52.1320, 37.0810,

■ 171.5840,

60.3850

-23.6970, -38.6170

■ 50.3710, 37.9060,
61.9540

■ 179.3290,
-27.5930, -45.1050

Harmonies

Analogous

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



110.9320, -5.3200, 8.3120



111.8580, 6.6920, 10.8840



112.0070, 16.4580, 10.1060

Triad

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



111.8580, 6.6920, 10.8840



109.5530, 14.2600, -5.1320



104.3110, -26.0410, -7.1370

Complementary

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



111.8580, 6.6920, 10.8840



116.1420, -6.6920, -10.8840

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.



105.2100, -18.5670, -10.4310



111.8580, 6.6920, 10.8840



107.7690, 4.7240, -8.5240

Square

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



111.8580, 6.6920, 10.8840



110.6510, 20.0360, 0.3240



105.9570, -7.6090, -10.7850



105.6580, -25.4000, -2.2320

Rectangle

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



111.8580, 6.6920, 10.8840



111.3940, 19.6220, 7.8300



105.9570, -7.6090, -10.7850



104.7410, -24.4360, -8.6920

Sweetspot

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



111.8580, 6.6920, 10.8840



158.1900, 2.5210, 3.8730



106.1060, -5.8700, 7.2660



78.9510, 1.6960, 2.3040



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



111.8580, 6.6920, 10.8840



142.7000, 10.3130, 16.8490



110.6040, 10.2230, 7.4630



59.7770, 2.2460, 3.3500



51.4960, 39.0520, 63.2120



0.0000, 0.0000, 0.0000

Inverse Universe

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



111.8580, 6.6920, 10.8840



142.7000, 10.3130, 16.8490



117.3960, -10.2230, -7.4630



59.7770, 2.2460, 3.3500



51.4960, 39.0520, 63.2120



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 111.8580, 6.6920, 10.8840 looks on a white background.

Color Contrast Check

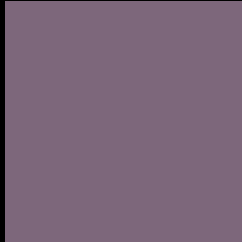
Large Text (above 18pt) WCAG AA ✓ Pass

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 111.8580, 6.6920, 10.8840 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 111.8580, 6.6920, 10.8840

Background



This preview shows how black text looks on a background with the YIQ color 111.8580, 6.6920, 10.8840.



This preview shows how white text looks on a background with the YIQ color 111.8580, 6.6920,

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

111.8580, 6.6920, 10.8840

Protanopia

110.4540, -6.9700, 5.1740

Deuteranopia

111.1020, -0.0470, 6.3610



Tritanopia

111.5930, 8.7560, 6.5160

Trichromacy



Original Color

111.8580, 6.6920, 10.8840

Protanomaly

111.2590, -1.9270, 7.3930

Deuteranomaly

111.7110, 2.6120, 7.7320

Tritanomaly

111.4620, 7.7470, 8.2830

Monochromacy



Original Color

111.8580, 6.6920, 10.8840

Achromatopsia

112.0000, -0.0000, 0.0000

Achromatomaly

112.1900, 2.5210, 3.8730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 111.8580, 6.6920, 10.8840 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(125, 103, 123)` looks like.

```
.text, #text, p{  
    color:rgb(125, 103, 123)  
}
```

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(125, 103, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 103, 123) }
```

Border

The CSS property to change the border of an element to YIQ 111.8580, 6.6920, 10.8840 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(125, 103, 123) }
```


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

```
.border{ border-color:rgb(125, 103, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 103, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 103, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 103, 123);  
box-shadow:4px 4px 4px 4px rgb(125, 103,  
123) }
```

Background

The CSS property to change the background color of an element to YIQ 111.8580, 6.6920, 10.8840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 103, 123) }
```

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

```
.background{ background-color: rgb(125,  
103, 123) }
```

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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