

Converting Colors

YIQ(116.0550, 7.3350, 4.7350)

Have a look what the booklet for
YIQ(116.0550, 7.3350, 4.7350)
contains.

YIQ(116.0550, 7.3350, 4.7350)	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(116.0550, 7.3350,
4.7350)**

Conversions

Conversions Part 1

Format	Color
Hex	7E6F74
RGB	126, 111, 116
RGB Percent	49%, 44%, 45%
CMY	0.5058, 0.5647, 0.5451
CMYK	0.00, 0.12, 0.08, 0.51
HSL	340°, 6%, 46%
HSV	340°, 12%, 49%
XYZ	17.4422, 17.0650, 18.8995
YIQ	116.0550, 7.3350, 4.7350

Conversions

Conversions Part 2

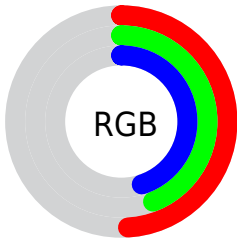
Format	Color
RYB	126, 111, 116
Decimal	8286068
CIELab	48.34, 6.80, -0.63
CIElCh	48, 6.828, 354.701
Yxy	17.0650, 0.3266, 0.3195
Android (android.graphics.Color)	4286476148 (0xFF7E6F74)
YUV	116.0550, -0.0271, 8.7218
Hunter-Lab	41.3098, 3.0756, 1.7912

Details

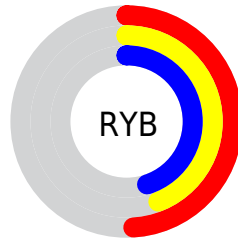
The YIQ color **116.0550, 7.3350, 4.7350** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **120.9450, -7.3350, -4.7350**, and the grayscale version is **116.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **168.3540, 7.9310, 4.9470**, and **67.7560, 6.7390, 4.5230** is the 20% darker color. If you saturate the color by 10%, you get **107.5120, 13.4780, 9.0460**, and if you desaturate by 10%, it is **124.5980, 1.1920, 0.4240**.

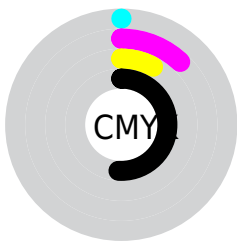
Distribution



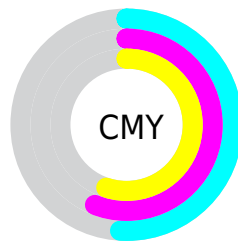
- Red (49%)
- Green (44%)
- Blue (45%)



- Red (49%)
- Yellow (44%)
- Blue (45%)



- Cyan (0%)
- Magenta (12%)
- Yellow (8%)
- Black (51%)



- Cyan (51%)
- Magenta (56%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 116.0550, 7.3350, 4.7350 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 116.0550, 7.3350, 4.7350 by changing the saturation by 10% instead.

■ 116.0550, 7.3350,
4.7350

■ 116.0550, 7.3350,
4.7350

255.0000, -0.0000,
-0.0000

■ 91.6420, 7.0600,
4.2120

■ 168.3540, 7.9310,
4.9470

■ 67.7560, 6.7390,
4.5230

■ 195.3540, 7.9310,
4.9470

■ 45.4570, 6.1430,
4.3110

■ 223.0660, 8.8020,
5.6820

■ 25.0440, 5.8680,
3.7880

■ 249.3750, 3.4380,
3.7740

■ 0.0000, 0.0000,
0.0000

■ 116.0550, 7.3350,

■ 116.0550, 7.3350,

4.7350

107.5120, 13.4780,
9.0460

99.4420, 19.6670,
12.5230

90.8990, 25.8100,
16.8340

82.8290, 31.9990,
20.3110

74.2860, 38.1420,
24.6220

65.7430, 44.2850,
28.9330

57.6730, 50.4740,
32.4100

49.1300, 56.6170,
36.7210

4.7350

124.5980, 1.1920,
0.4240

132.6680, -4.9970,
-3.0530

141.2110,
-11.1400, -7.3640

149.2810,
-17.3290, -10.8410

157.8240,
-23.4720, -15.1520

166.3670,
-29.6150, -19.4630

174.4370,
-35.8040, -22.9400

182.9800,
-41.9470, -27.2510

■ 42.4620, 61.6140,
39.7740

■ 191.0500,
-48.1360, -30.7280

Harmonies

Analogous

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



115.7170, 2.4750, 4.7070



116.0550, 7.3350, 4.7350



115.6700, 9.8570, 3.0810

Triad

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



116.0550, 7.3350, 4.7350



114.0340, 2.6600, -4.1560



113.3130, -11.1870, -1.0030

Complementary

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



116.0550, 7.3350, 4.7350



120.9450, -7.3350, -4.7350

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.



113.0310, -10.4530, -3.2930



116.0550, 7.3350, 4.7350



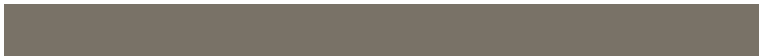
113.2830, -2.4750, -4.7070

Square

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



116.0550, 7.3350, 4.7350



114.8390, 7.7030, -1.9370



112.9450, -7.3350, -4.7350



114.7480, -7.9780, 1.4140

Rectangle

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



116.0550, 7.3350, 4.7350



115.6160, 9.9490, 1.4130



112.9450, -7.3350, -4.7350



113.4870, -11.7370, -2.0490

Sweetspot

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



116.0550, 7.3350, 4.7350



159.0220, 2.9340, 1.8940



115.7000, 1.1450, 6.7850



79.3100, 2.0630, 1.1590



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.



116.0550, 7.3350, 4.7350



147.7890, 11.1400, 7.3640



116.6590, 8.3900, 2.1340



59.4350, 3.2090, 2.4170



43.1740, 62.4850, 40.5090



0.0000, 0.0000, 0.0000

Inverse Universe

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



116.0550, 7.3350, 4.7350



147.7890, 11.1400, 7.3640



120.3410, -8.3900, -2.1340



59.4350, 3.2090, 2.4170



43.1740, 62.4850, 40.5090



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 116.0550, 7.3350, 4.7350 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 116.0550, 7.3350, 4.7350 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 116.0550, 7.3350, 4.7350

Background



This preview shows how black text looks on a background with the YIQ color 116.0550, 7.3350, 4.7350.



This preview shows how white text looks on a background with the YIQ color 116.0550, 7.3350,

4.7350.

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

116.0550, 7.3350, 4.7350

Protanopia

115.0540, -0.0920, 1.6680

Deuteranopia

115.7560, 6.7390, 4.5230



Tritanopia

115.8100, 6.6470, 6.1910

Trichromacy



Original Color

116.0550, 7.3350, 4.7350

Protanomaly

115.5490, 2.8880, 2.7280

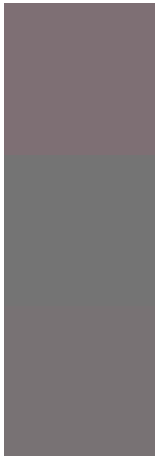
Deuteranomaly

115.7560, 6.7390, 4.5230

Tritanomaly

115.6960, 6.9680, 5.8800

Monochromacy



Original Color

116.0550, 7.3350, 4.7350

Achromatopsia

116.0000, -0.0000, 0.0000

Achromatomaly

116.0220, 2.9340, 1.8940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 116.0550, 7.3350, 4.7350 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(126, 111, 116)` looks like.

```
.text, #text, p{  
    color:rgb(126, 111, 116)  
}
```

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(126, 111, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 111, 116) }
```

Border

The CSS property to change the border of an element to YIQ 116.0550, 7.3350, 4.7350 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(126, 111, 116) }
```


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

```
.border{ border-color:rgb(126, 111, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 111, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 111, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 111, 116);  
box-shadow:4px 4px 4px 4px rgb(126, 111,  
116) }
```

Background

The CSS property to change the background color of an element to YIQ 116.0550, 7.3350, 4.7350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 111, 116) }
```

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

```
.background{ background-color: rgb(126,  
111, 116) }
```

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