

Converting Colors

YIQ(116.0560, 14.7620, 7.8020)

Have a look what the booklet for
YIQ(116.0560, 14.7620, 7.8020)
contains.

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Color

**YIQ(116.0560, 14.7620,
7.8020)**

Conversions

Conversions Part 1

Format	Color
Hex	876B71
RGB	135, 107, 113
RGB Percent	53%, 42%, 44%
CMY	0.4705, 0.5804, 0.5568
CMYK	0.00, 0.21, 0.16, 0.47
HSL	347°, 12%, 47%
HSV	347°, 21%, 53%
XYZ	18.2324, 16.8579, 17.9198
YIQ	116.0560, 14.7620, 7.8020

Conversions

Conversions Part 2

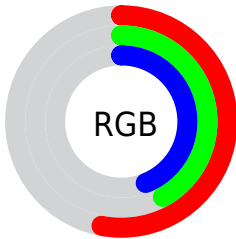
Format	Color
R_{YB}	135, 107, 113
Decimal	8874865
CIE _{Lab}	48.08, 12.15, 0.88
CIE _{LCh}	48, 12.185, 4.146
Yxy	16.8579, 0.3439, 0.3180
Android (android.graphics.Color)	4287064945 (0xFF876B71)
YUV	116.0560, -1.5066, 16.6139
Hunter-Lab	41.0584, 7.4129, 2.8639

Details

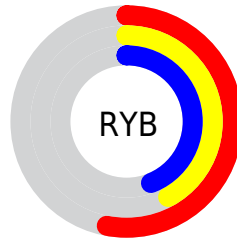
The YIQ color **116.0560, 14.7620, 7.8020** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **125.9440, -14.7620, -7.8020**, and the grayscale version is **116.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **168.0670, 16.2290, 8.7490**, and **68.0450, 13.2950, 6.8550** is the 20% darker color. If you saturate the color by 10%, you get **106.5840, 22.1430, 11.7030**, and if you desaturate by 10%, it is **124.9410, 7.6560, 4.4240**.

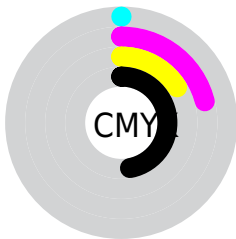
Distribution



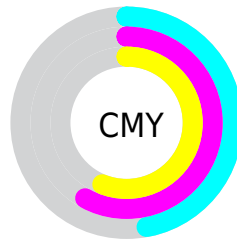
- Red (53%)
- Green (42%)
- Blue (44%)



- Red (53%)
- Yellow (42%)
- Blue (44%)



- Cyan (0%)
- Magenta (21%)
- Yellow (16%)
- Black (47%)




- Cyan (47%)
- Magenta (58%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 116.0560, 14.7620, 7.8020 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 116.0560, 14.7620, 7.8020 by changing the saturation by 10% instead.


 116.0560, 14.7620,
7.8020


 116.0560, 14.7620,
7.8020


255.0000, -0.0000,
-0.0000


 91.4580, 13.5700,
7.3780


 168.0670, 16.2290,
8.7490


 68.0450, 13.2950,
6.8550


 195.3660, 16.8250,
8.9610

 45.4470, 12.1030,
6.4310

 223.3660, 16.8250,
8.9610

 24.2620, 11.1860,
6.5300

 246.5710, 5.8220,
4.6220

 2.9900, 5.9600,
2.1200

 0.0000, 0.0000,
0.0000

■ 116.0560, 14.7620,
7.8020

■ 116.0560, 14.7620,
7.8020

■ 106.5840, 22.1430,
11.7030

■ 124.9410, 7.6560,
4.4240

■ 97.8130, 28.9280,
15.3920

■ 134.2990, 0.5960,
0.2120

■ 88.3410, 36.3090,
19.2930

■ 143.1840, -6.5100,
-3.1660

■ 79.5700, 43.0940,
22.9820

■ 152.5420,
-13.5700, -7.3780

■ 70.0980, 50.4750,
26.8830

■ 162.0140,
-20.9510, -11.2790

■ 61.2130, 57.5810,
30.2610

■ 170.8990,
-28.0570, -14.6570

■ 51.8550, 64.6410,
34.4730


■ 180.2570,
-35.1170, -18.8690

■ 43.6710, 71.1510,

■ 189.1420,

37.6390

-42.2230, -22.2470

 198.5000,
-49.2830, -26.4590

Harmonies

Analogous

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



115.9890, 7.7010, 9.1170



116.0560, 14.7620, 7.8020



115.5030, 17.6970, 4.1690

Triad

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



116.0560, 14.7620, 7.8020



112.3280, 1.6520, -7.9160



112.1210, -19.3940, -0.9460

Complementary

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



116.0560, 14.7620, 7.8020



125.9440, -14.7620, -7.8020

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.



110.7030, -21.2730, -5.4410



116.0560, 14.7620, 7.8020



111.1250, -8.0220, -8.8060

Square

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



116.0560, 14.7620, 7.8020



113.8130, 10.5920, -4.7360



110.1610, -16.8710, -8.1270



114.1760, -12.0590, 3.7890

Rectangle

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



116.0560, 14.7620, 7.8020



114.6230, 17.2390, 1.4550



110.1610, -16.8710, -8.1270



110.9960, -20.5400, -2.2040

Sweetspot

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



116.0560, 14.7620, 7.8020



168.6310, 5.5930, 3.2650



116.7700, 4.1240, 13.3720



84.9080, 3.2550, 1.5830



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

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



116.0560, 14.7620, 7.8020



146.1820, 23.3350, 12.1270



120.0680, 14.4880, 1.7520



61.9080, 3.2550, 1.5830



42.0620, 68.4920, 36.2680



1.0110, 1.4670, 0.9470

Inverse Universe

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



116.0560, 14.7620, 7.8020



146.1820, 23.3350, 12.1270



121.9320, -14.4880, -1.7520



61.9080, 3.2550, 1.5830



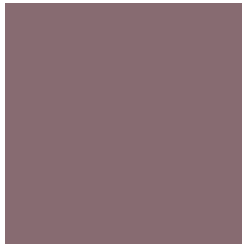
42.0620, 68.4920, 36.2680



1.0110, 1.4670, 0.9470

Previews

White Background



This preview shows how the YIQ color 116.0560, 14.7620, 7.8020 looks on a white background.

Color Contrast Check

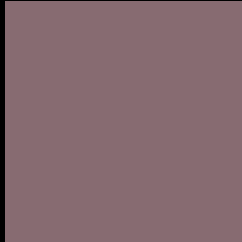
Large Text (above 18pt) WCAG AA ✓ Pass

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 116.0560, 14.7620, 7.8020 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 116.0560, 14.7620, 7.8020

Background



This preview shows how black text looks on a background with the YIQ color 116.0560, 14.7620, 7.8020.



This preview shows how white text looks on a background with the YIQ color 116.0560, 14.7620,

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

116.0560, 14.7620, 7.8020

Protanopia

114.9400, 0.2290, 1.3570

Deuteranopia

115.5990, 8.6190, 3.4910



Tritanopia

116.2840, 14.1200, 8.4240

Trichromacy



Original Color

116.0560, 14.7620, 7.8020

Protanomaly

115.1580, 5.5470, 4.0990

Deuteranomaly

115.9090, 10.6820, 4.6500

Tritanomaly

116.1700, 14.4410, 8.1130

Monochromacy



Original Color

116.0560, 14.7620, 7.8020

Achromatopsia

116.0000, -0.0000, 0.0000

Achromatomaly

116.2180, 5.3180, 2.7420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 116.0560, 14.7620, 7.8020 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(135, 107, 113)` looks like.

```
.text, #text, p{  
    color:rgb(135, 107, 113)  
}
```

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(135, 107, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 107, 113) }
```

Border

The CSS property to change the border of an element to YIQ 116.0560, 14.7620, 7.8020 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(135, 107, 113) }
```


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

```
.border{ border-color:rgb(135, 107, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 107, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 107, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 107, 113);  
box-shadow:4px 4px 4px 4px rgb(135, 107,  
113) }
```

Background

The CSS property to change the background color of an element to YIQ 116.0560, 14.7620, 7.8020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 107, 113) }
```

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

```
.background{ background-color: rgb(135,  
107, 113) }
```

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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