

Converting Colors

YIQ(116.8240, 4.0320, 15.0400)

Have a look what the booklet for
YIQ(116.8240, 4.0320, 15.0400)
contains.

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Color

**YIQ(116.8240, 4.0320,
15.0400)**

Conversions

Conversions Part 1

Format	Color
Hex	826A8A
RGB	130, 106, 138
RGB Percent	51%, 42%, 54%
CMY	0.4901, 0.5843, 0.4588
CMYK	0.06, 0.23, 0.00, 0.46
HSL	285°, 13%, 48%
HSV	285°, 23%, 54%
XYZ	18.9492, 16.8883, 26.3049
YIQ	116.8240, 4.0320, 15.0400

Conversions

Conversions Part 2

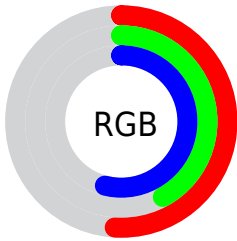
Format	Color
R_{YB}	130, 106, 138
Decimal	8546954
CIE _{Lab}	48.12, 15.72, -14.01
CIE _{LCh}	48, 21.058, 318.282
Yxy	16.8883, 0.3049, 0.2718
Android (android.graphics.Color)	4286737034 (0xFF826A8A)
YUV	116.8240, 10.4398, 11.5554
Hunter-Lab	41.0954, 10.3901, -9.1845

Details

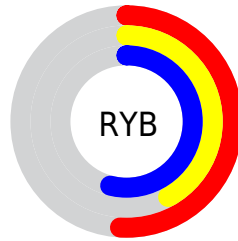
The YIQ color **116.8240, 4.0320, 15.0400** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **127.1760, -4.0320, -15.0400**, and the grayscale version is **117.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **168.6500, 4.5820, 16.0860**, and **68.5850, 3.2070, 13.4710** is the 20% darker color. If you saturate the color by 10%, you get **107.7090, 6.0940, 21.7260**, and if you desaturate by 10%, it is **125.9390, 1.9700, 8.3540**.

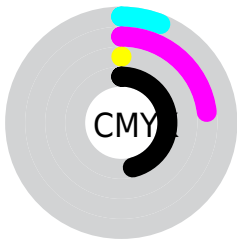
Distribution



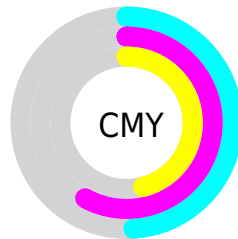
- Red (51%)
- Green (42%)
- Blue (54%)



- Red (51%)
- Yellow (42%)
- Blue (54%)



- Cyan (6%)
- Magenta (23%)
- Yellow (0%)
- Black (46%)



- Cyan (49%)
- Magenta (58%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 116.8240, 4.0320, 15.0400 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 116.8240, 4.0320, 15.0400 by changing the saturation by 10% instead.

 116.8240, 4.0320,
15.0400


 116.8240, 4.0320,
15.0400


255.0000, -0.0000,
-0.0000


 92.4110, 3.7570,
14.5170

 168.6500, 4.5820,
16.0860


 68.5850, 3.2070,
13.4710


 196.0630, 4.8570,
16.6090

 46.1720, 2.9320,
12.9480

 224.1770, 4.5360,
16.9200

 24.6450, 2.9780,
12.1140

 246.1950, 4.1250,
7.8450

 4.6010, -2.8900,
8.3260

 0.0000, 0.0000,
0.0000

■ 116.8240, 4.0320,
15.0400

■ 116.8240, 4.0320,
15.0400

■ 107.7090, 6.0940,
21.7260

■ 125.9390, 1.9700,
8.3540

■ 98.2950, 7.5600,
28.2000

■ 135.3530, 0.5040,
1.8800

■ 89.7670, 9.3470,
34.3630

■ 143.8810, -1.2830,
-4.2830

■ 80.3530, 10.8130,
40.8370

■ 153.2950, -2.7490,
-10.7570

■ 71.2380, 12.8750,
47.5230

■ 162.4100, -4.8110,
-17.4430

■ 61.8240, 14.3410,
53.9970

■ 171.8240, -6.2770,
-23.9170

■ 52.7090, 16.4030,
60.6830


■ 180.9390, -8.3390,
-30.6030

■ 46.8280, 17.6860,

■ 189.7660, -9.5300,

64.9660

-36.5540

 198.8810,
-11.5920, -43.2400

Harmonies

Analogous

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



114.6090, -14.5360, 10.1360



116.8240, 4.0320, 15.0400



117.1370, 19.2080, 15.3360

Triad

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



116.8240, 4.0320, 15.0400



114.0440, 23.0630, -4.9770



105.2770, -37.8690, -13.0450

Complementary

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



116.8240, 4.0320, 15.0400



127.1760, -4.0320, -15.0400

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.



107.2970, -23.4260, -15.9860



116.8240, 4.0320, 15.0400



112.4830, 11.2810, -11.7190

Square

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



116.8240, 4.0320, 15.0400



115.3210, 29.8930, 3.4050



109.9910, -4.9490, -14.9410



106.1120, -41.5380, -7.1220

Rectangle

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



116.8240, 4.0320, 15.0400



116.6770, 26.3150, 13.1870



109.9910, -4.9490, -14.9410



105.7890, -33.5590, -14.0630

Sweetspot

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



116.8240, 4.0320, 15.0400



170.1730, 1.1910, 5.9510



114.3440, -12.4720, 5.7680



84.2930, 0.7330, 3.2370



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.



116.8240, 4.0320, 15.0400



145.7630, 6.0020, 23.3940



118.3040, 11.3680, 14.2480



64.2930, 0.7330, 3.2370



45.0620, 16.9070, 62.5630



1.7660, 0.7790, 2.4030

Inverse Universe

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



116.4800, 16.5040, 9.2720



145.3180, 25.9480, 14.3320



125.6960, -11.3680, -14.2480



64.3210, 3.5300, 2.1060



43.5290, 68.6750, 38.4590



1.6090, 2.6590, 1.3710

Previews

White Background



This preview shows how the YIQ color 116.8240, 4.0320, 15.0400 looks on a white background.

Color Contrast Check

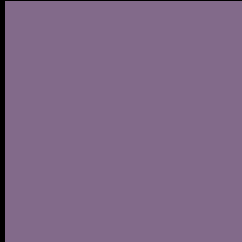
Large Text (above 18pt) WCAG AA ✓ Pass

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 116.8240, 4.0320, 15.0400 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 116.8240, 4.0320, 15.0400

Background



This preview shows how black text looks on a background with the YIQ color 116.8240, 4.0320, 15.0400.



This preview shows how white text looks on a background with the YIQ color 116.8240, 4.0320,

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

116.8240, 4.0320, 15.0400

Protanopia

114.6260, -13.2060, 8.0580

Deuteranopia

115.4480, -6.8330, 8.1990



Tritanopia

115.9950, 7.5640, 6.0920

Trichromacy



Original Color

116.8240, 4.0320, 15.0400

Protanomaly

115.0290, -6.9710, 10.7010

Deuteranomaly

116.0680, -2.7070, 10.5170

Tritanomaly

116.5050, 6.1880, 9.0040

Monochromacy



Original Color

116.8240, 4.0320, 15.0400

Achromatopsia

117.0000, -0.0000, 0.0000

Achromatomaly

117.0590, 1.5120, 5.6400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 116.8240, 4.0320, 15.0400 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(130, 106, 138)` looks like.

```
.text, #text, p{  
    color:rgb(130, 106, 138)  
}
```

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(130, 106, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 106, 138) }
```

Border

The CSS property to change the border of an element to YIQ 116.8240, 4.0320, 15.0400 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(130, 106, 138) }
```


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

```
.border{ border-color:rgb(130, 106, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 106, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 106, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 106, 138);  
box-shadow:4px 4px 4px 4px rgb(130, 106,  
138) }
```

Background

The CSS property to change the background color of an element to YIQ 116.8240, 4.0320, 15.0400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 106, 138) }
```

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

```
.background{ background-color: rgb(130,  
106, 138) }
```

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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