

Converting Colors

YIQ(226.7500, 16.0440, 17.6120)

Have a look what the booklet for
YIQ(226.7500, 16.0440, 17.6120)
contains.

YIQ(226.7500, 16.0440, 17.6120)	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(226.7500, 16.0440,
17.6120)**

Conversions

Conversions Part 1

Format	Color
Hex	FDD3EF
RGB	253, 211, 239
RGB Percent	99%, 83%, 94%
CMY	0.0077, 0.1726, 0.0627
CMYK	0.00, 0.17, 0.06, 0.01
HSL	320°, 91%, 91%
HSV	320°, 17%, 99%
XYZ	79.3904, 73.7007, 91.7110
YIQ	226.7500, 16.0440, 17.6120

Conversions

Conversions Part 2

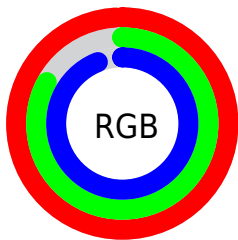
Format	Color
R _Y B	253, 211, 239
Decimal	16634863
CIE Lab	88.78, 19.24, -8.22
CIE LCh	89, 20.925, 336.862
Yxy	73.7007, 0.3243, 0.3011
Android (android.graphics.Color)	4294824943 (0xFFFD3EF)
YUV	226.7500, 6.0393, 23.0212
Hunter-Lab	85.8491, 14.8349, -3.2440

Details

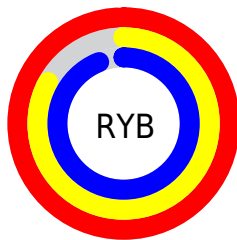
The YIQ color **226.7500, 16.0440, 17.6120** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **237.2500, -16.0440, -17.6120**, and the grayscale version is **227.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **171.0380, 15.1730, 16.8770** is the 20% darker color. If you saturate the color by 10%, you get **211.1630, 25.4870, 28.1990**, and if you desaturate by 10%, it is **242.3370, 6.6010, 7.0250**.

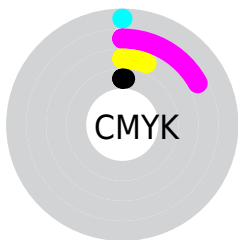
Distribution



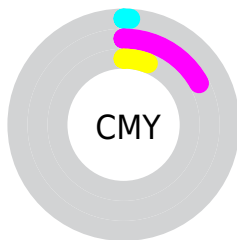
- Red (99%)
- Green (83%)
- Blue (94%)



- Red (99%)
- Yellow (83%)
- Blue (94%)



- Cyan (0%)
- Magenta (17%)
- Yellow (6%)
- Black (1%)



- Cyan (1%)
- Magenta (17%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 226.7500, 16.0440, 17.6120 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 226.7500, 16.0440, 17.6120 by changing the saturation by 10% instead.

226.7500, 16.0440,
17.6120

226.7500, 16.0440,
17.6120

255.0000, -0.0000,
-0.0000

198.4510, 15.4480,
17.4000

171.0380, 15.1730,
16.8770

144.6250, 14.8980,
16.3540

118.9130, 14.0270,
15.6190

93.6140, 13.4310,
15.4070

69.9020, 12.5600,
14.6720

47.1900, 11.6890,

13.9370

■ 25.4780, 10.8180,
13.2020

■ 8.8860, 9.4890,
9.7530

■ 226.7500, 16.0440,
17.6120

■ 226.7500, 16.0440,
17.6120

■ 211.1630, 25.4870,
28.1990

■ 242.3370, 6.6010,
7.0250

■ 194.8750, 35.5260,
38.9980

254.4020, -1.1920,
-0.4240

■ 179.2880, 44.9690,
49.5850

■ 163.5870, 54.7330,
59.8610

■ 147.4130, 64.4510,
70.9710

■ 131.7120, 74.2150,
81.2470

■ 116.1250, 83.6580,
91.8340

■ 100.5380, 93.1010,
102.4210

■ 94.9130, 96.5390,
106.1950

Harmonies

Analogous

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



225.2300, -2.9830, 15.5210



226.7500, 16.0440, 17.6120



223.8940, 24.2060, 12.8620

Triad

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



226.7500, 16.0440, 17.6120



221.7290, 19.3960, -10.1080



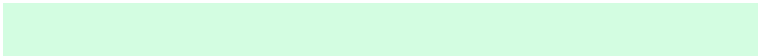
215.6450, -41.7210, -9.3130

Complementary

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



226.7500, 16.0440, 17.6120



237.2500, -16.0440, -17.6120

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.



215.8490, -33.7880, -15.4200



226.7500, 16.0440, 17.6120



219.2860, 1.4700, -15.6340

Square

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



226.7500, 16.0440, 17.6120



223.7570, 31.3610, -1.1750



216.8800, -17.8780, -17.4140



218.2100, -35.7620, -1.6660

Rectangle

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



226.7500, 16.0440, 17.6120



222.9990, 28.1040, 8.2960



216.8800, -17.8780, -17.4140



215.5480, -40.0700, -11.7020

Sweetspot

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



226.7500, 16.0440, 17.6120



246.9130, 4.8590, 5.5550



219.9740, -5.1380, 16.0300



122.9620, 3.1630, 3.2510



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



226.7500, 16.0440, 17.6120



223.1250, 19.4820, 21.3860



224.3560, 22.7850, 11.0810



119.7990, 5.1800, 5.2440



71.5870, 73.0690, 79.9890



23.9240, 24.6620, 26.6300

Inverse Universe

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



226.7500, 16.0440, 17.6120



223.1250, 19.4820, 21.3860



239.6440, -22.7850, -11.0810



119.7990, 5.1800, 5.2440



71.5870, 73.0690, 79.9890



23.9240, 24.6620, 26.6300

Previews

White Background



This preview shows how the YIQ color 226.7500, 16.0440, 17.6120 looks on a white background.

Color Contrast Check

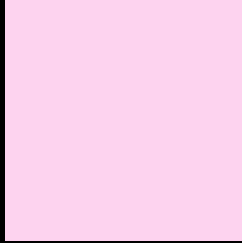
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 226.7500, 16.0440, 17.6120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

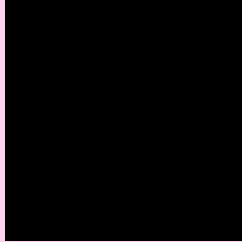
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 226.7500, 16.0440, 17.6120

Background



This preview shows how black text looks on a background with the YIQ color 226.7500, 16.0440, 17.6120.



This preview shows how white text looks on a background with the YIQ color 226.7500, 16.0440,

17.6120.

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

226.7500, 16.0440, 17.6120

Protanopia

224.4370, -8.3000, 7.2520

Deuteranopia

225.6730, 5.7750, 10.9830



Tritanopia

226.4850, 18.1080, 13.2440

Trichromacy



Original Color

226.7500, 16.0440, 17.6120

Protanomaly

225.3350, 0.9150, 10.9550

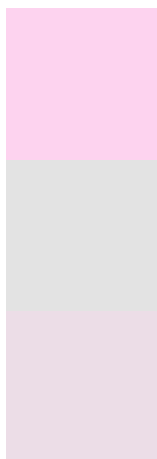
Deuteranomaly

225.9940, 9.3050, 13.0890

Tritanomaly

226.3540, 17.0990, 15.0110

Monochromacy



Original Color

226.7500, 16.0440, 17.6120

Achromatopsia

227.0000, -0.0000, -0.0000

Achromatomaly

226.6250, 5.7300, 6.2900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 226.7500, 16.0440, 17.6120 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(253, 211, 239)` looks like.

```
.text, #text, p{  
    color:rgb(253, 211, 239)  
}
```

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(253, 211, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 211, 239) }
```

Border

The CSS property to change the border of an element to YIQ 226.7500, 16.0440, 17.6120 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(253, 211, 239) }
```


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

```
.border{ border-color:rgb(253, 211, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 211, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 211, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 211, 239);  
box-shadow:4px 4px 4px 4px rgb(253, 211,  
239) }
```

Background

The CSS property to change the background color of an element to YIQ 226.7500, 16.0440, 17.6120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 211, 239) }
```

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

```
.background{ background-color: rgb(253,  
211, 239) }
```

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