

Converting Colors

YIQ(226.9780, 15.4020, 18.2340)

Have a look what the booklet for
YIQ(226.9780, 15.4020, 18.2340)
contains.

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Color

**YIQ(226.9780, 15.4020,
18.2340)**

Conversions

Conversions Part 1

Format	Color
Hex	FDD3F1
RGB	253, 211, 241
RGB Percent	99%, 83%, 95%
CMY	0.0077, 0.1726, 0.0549
CMYK	0.00, 0.17, 0.05, 0.01
HSL	317°, 91%, 91%
HSV	317°, 17%, 99%
XYZ	79.6876, 73.8196, 93.2753
YIQ	226.9780, 15.4020, 18.2340

Conversions

Conversions Part 2

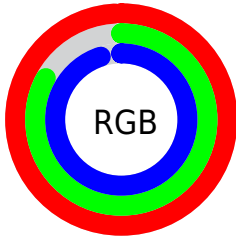
Format	Color
R_{YB}	253, 211, 241
Decimal	16634865
CIE Lab	88.84, 19.59, -9.19
CIE LCh	89, 21.636, 334.856
Yxy	73.8196, 0.3229, 0.2991
Android (android.graphics.Color)	4294824945 (0xFFFDD3F1)
YUV	226.9780, 6.9128, 22.8213
Hunter-Lab	85.9183, 15.1982, -4.2240

Details

The YIQ color $226.9780, 15.4020, 18.2340$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $237.0220, -15.4020, -18.2340$, 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 $171.2660, 14.5310, 17.4990$ is the 20% darker color. If you saturate the color by 10%, you get $211.5050, 24.5240, 29.1320$, and if you desaturate by 10%, it is $242.4510, 6.2800, 7.3360$.

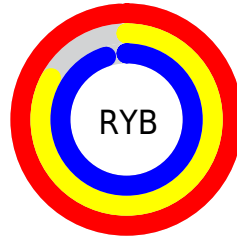
Distribution



Red (99%)

Green (83%)

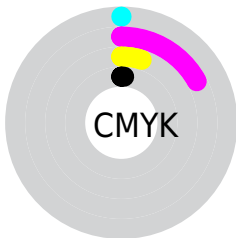
Blue (95%)



Red (99%)

Yellow (83%)

Blue (95%)

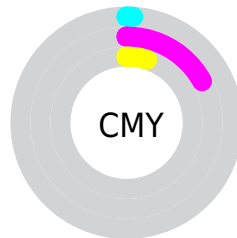


Cyan (0%)

Magenta (17%)

Yellow (5%)

Black (1%)



Cyan (1%)

Magenta (17%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 226.9780, 15.4020, 18.2340 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 226.9780, 15.4020, 18.2340 by changing the saturation by 10% instead.

226.9780, 15.4020,
18.2340

226.9780, 15.4020,
18.2340

255.0000, -0.0000,
-0.0000

198.6790, 14.8060,
18.0220

171.2660, 14.5310,
17.4990

144.8530, 14.2560,
16.9760

119.1410, 13.3850,
16.2410

93.8420, 12.7890,
16.0290

70.0160, 12.2390,
14.9830

47.3040, 11.3680,

14.2480

■ 25.7060, 10.1760,
13.8240

■ 9.1140, 8.8470,
10.3750

■ 226.9780, 15.4020,
18.2340

■ 226.9780, 15.4020,
18.2340

■ 211.5050, 24.5240,
29.1320

■ 242.4510, 6.2800,
7.3360

■ 195.4450, 33.9210,
40.5530

254.4020, -1.1920,
-0.4240

■ 179.8580, 43.3640,
51.1400

■ 164.3850, 52.4860,
62.0380

■ 148.3250, 61.8830,
73.4590

■ 132.8520, 71.0050,
84.3570

■ 117.2650, 80.4480,
94.9440

■ 101.7920, 89.5700,
105.8420

■ 96.2810, 92.6870,
109.9270

Harmonies

Analogous

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



225.5180, -3.8540, 14.7860



226.9780, 15.4020, 18.2340



224.0080, 23.8850, 13.1730

Triad

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



226.9780, 15.4020, 18.2340



222.2130, 20.9090, -9.9950



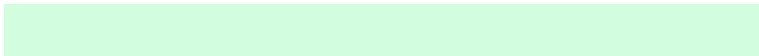
215.6340, -43.1880, -10.2600

Complementary

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



226.9780, 15.4020, 18.2340



237.0220, -15.4020, -18.2340

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.



215.4360, -34.0630, -15.9430



226.9780, 15.4020, 18.2340



219.6560, 3.3040, -15.8320

Square

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



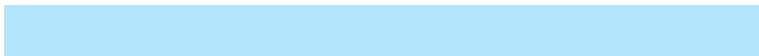
226.9780, 15.4020, 18.2340



224.2410, 32.8740, -1.0620



216.9510, -16.6400, -17.8240



217.9000, -37.8250, -2.8250

Rectangle

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



226.9780, 15.4020, 18.2340



222.5260, 28.0580, 9.1300



216.9510, -16.6400, -17.8240



215.5370, -41.5370, -12.6490

Sweetspot

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



226.9780, 15.4020, 18.2340



246.9130, 4.8590, 5.5550



219.3760, -6.3300, 15.6060



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.



226.9780, 15.4020, 18.2340



223.3530, 18.8400, 22.0080



224.5840, 22.1430, 11.7030



119.9130, 4.8590, 5.5550



72.7270, 69.8590, 83.0990



24.3800, 23.3780, 27.8740

Inverse Universe

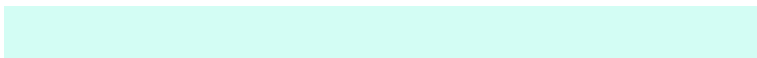
The Inverse Universe completely reimagines the original color for something new.



226.9780, 15.4020, 18.2340



223.3530, 18.8400, 22.0080



239.4160, -22.1430, -11.7030



119.9130, 4.8590, 5.5550



72.7270, 69.8590, 83.0990



24.3800, 23.3780, 27.8740

Previews

White Background



This preview shows how the YIQ color 226.9780, 15.4020, 18.2340 looks on a white background.

Color Contrast Check

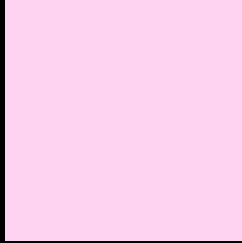
Large Text (above 18pt) WCAG AA × Fail

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 226.9780, 15.4020, 18.2340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

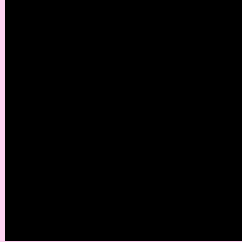
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 226.9780, 15.4020, 18.2340

Background



This preview shows how black text looks on a background with the YIQ color 226.9780, 15.4020, 18.2340.



This preview shows how white text looks on a background with the YIQ color 226.9780, 15.4020,

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

226.9780, 15.4020, 18.2340

Protanopia

224.3660, -9.5380, 7.6620

Deuteranopia

225.6020, 4.5370, 11.3930



Tritanopia

226.3000, 17.1910, 13.3430

Trichromacy



Original Color

226.9780, 15.4020, 18.2340

Protanomaly

225.2640, -0.3230, 11.3650

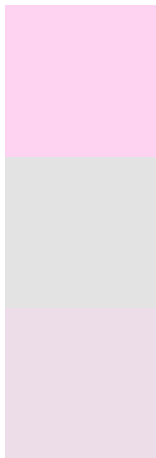
Deuteranomaly

226.2220, 8.6630, 13.7110

Tritanomaly

226.4680, 16.7780, 15.3220

Monochromacy



Original Color

226.9780, 15.4020, 18.2340

Achromatopsia

227.0000, -0.0000, -0.0000

Achromatomaly

226.7390, 5.4090, 6.6010

CSS Examples

Text

The CSS property to change the color of the text to YIQ 226.9780, 15.4020, 18.2340 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, 241)` looks like.

```
.text, #text, p{  
    color:rgb(253, 211, 241)  
}
```

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, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 211, 241) }
```

Border

The CSS property to change the border of an element to YIQ 226.9780, 15.4020, 18.2340 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, 241) }
```


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

```
.border{ border-color:rgb(253, 211, 241) }
```

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, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 211, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 211, 241);  
box-shadow:4px 4px 4px 4px rgb(253, 211,  
241) }
```

Background

The CSS property to change the background color of an element to YIQ 226.9780, 15.4020, 18.2340 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, 241) }
```

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

```
.background{ background-color: rgb(253,  
211, 241) }
```

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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