

Converting Colors

YIQ(226.3020, 5.6820, 18.1780)

Have a look what the booklet for
YIQ(226.3020, 5.6820, 18.1780)
contains.

YIQ(226.3020, 5.6820, 18.1780)	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(226.3020, 5.6820,
18.1780)**

Conversions

Conversions Part 1

Format	Color
Hex	F3D5FB
RGB	243, 213, 251
RGB Percent	95%, 84%, 98%
CMY	0.0470, 0.1647, 0.0157
CMYK	0.03, 0.15, 0.00, 0.02
HSL	287°, 83%, 91%
HSV	287°, 15%, 98%
XYZ	78.1739, 73.6061, 101.3525
YIQ	226.3020, 5.6820, 18.1780

Conversions

Conversions Part 2

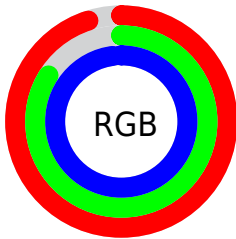
Format	Color
R _Y B	243, 213, 251
Decimal	15980027
CIE Lab	88.74, 17.02, -14.70
CIE LCh	89, 22.487, 319.180
Yxy	73.6061, 0.3088, 0.2908
Android (android.graphics.Color)	4294170107 (0xFFFF3D5FB)
YUV	226.3020, 12.1761, 14.6441
Hunter-Lab	85.7940, 12.5064, -9.9863

Details

The YIQ color $226.3020, 5.6820, 18.1780$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $237.6980, -5.6820, -18.1780$, and the grayscale version is $226.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $170.7750, 5.7280, 17.3440$ is the 20% darker color. If you saturate the color by 10%, you get $210.1320, 9.5770, 30.1930$, and if you desaturate by 10%, it is $242.4720, 1.7870, 6.1630$.

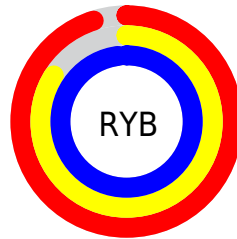
Distribution



Red (95%)

Green (84%)

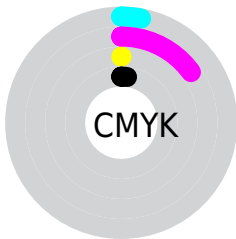
Blue (98%)



Red (95%)

Yellow (84%)

Blue (98%)

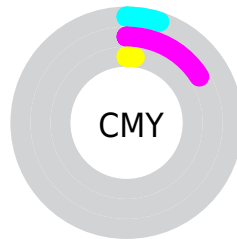


Cyan (3%)

Magenta (15%)

Yellow (0%)

Black (2%)



Cyan (5%)

Magenta (16%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 226.3020, 5.6820, 18.1780 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 226.3020, 5.6820, 18.1780 by changing the saturation by 10% instead.

226.3020, 5.6820,
18.1780

226.3020, 5.6820,
18.1780

255.0000, -0.0000,
-0.0000

198.1880, 6.0030,
17.8670

170.7750, 5.7280,
17.3440

144.3620, 5.4530,
16.8210

118.6500, 4.5820,
16.0860

93.5360, 4.9030,
15.7750

69.8240, 4.0320,
15.0400

47.2970, 4.0780,

14.2060

■ 25.5850, 3.2070,
13.4710

■ 7.2210, 1.2360,
10.6440

■ 226.3020, 5.6820,
18.1780

■ 226.3020, 5.6820,
18.1780

■ 210.1320, 9.5770,
30.1930

■ 242.4720, 1.7870,
6.1630

■ 193.6630, 12.8760,
41.9960

■ 254.2450, 0.6880,
-1.4560

■ 177.4930, 16.7710,
54.0110

■ 254.5440, 1.2840,
-1.2440

■ 161.3230, 20.6660,
66.0260

■ 144.5660, 24.8360,
78.5640

■ 128.0970, 28.1350,
90.3670

■ 111.9270, 32.0300,
102.3820

■ 95.7570, 35.9250,
114.3970

■ 87.8160, 37.4370,
120.0370

Harmonies

Analogous

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



223.0930, -13.0230, 10.2490



226.3020, 5.6820, 18.1780



224.6750, 20.6290, 17.1170

Triad

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



226.3020, 5.6820, 18.1780



223.0400, 28.8860, -5.8820



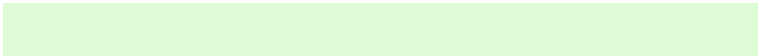
214.4830, -41.4450, -14.3170

Complementary

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



226.3020, 5.6820, 18.1780



237.6980, -5.6820, -18.1780

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.



215.5630, -27.2310, -18.6150



226.3020, 5.6820, 18.1780



220.6850, 13.5280, -13.8960

Square

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



226.3020, 5.6820, 18.1780



222.4630, 32.3690, 2.5850



217.5130, -6.5990, -18.0790



215.6710, -44.6100, -6.5140

Rectangle

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



226.3020, 5.6820, 18.1780



223.0790, 25.1230, 12.7630



217.5130, -6.5990, -18.0790



214.2830, -38.0060, -16.0700

Sweetspot

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



226.3020, 5.6820, 18.1780



246.4720, 1.7870, 6.1630



222.0280, -14.3980, 7.6340



122.7060, 1.0080, 3.7600



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.



226.3020, 5.6820, 18.1780



225.0080, 6.6900, 21.9380



227.4400, 13.9810, 16.4530



116.4720, 1.7870, 6.1630



66.0970, 28.1350, 90.3670



21.3060, 9.0270, 29.1470

Inverse Universe

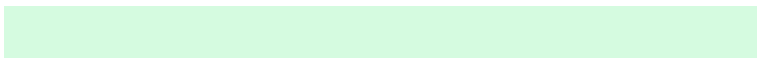
The Inverse Universe completely reimagines the original color for something new.



225.2740, 20.0800, 10.5440



223.8940, 24.2060, 12.8620



236.5600, -13.9810, -16.4530



116.2290, 6.7850, 3.6890



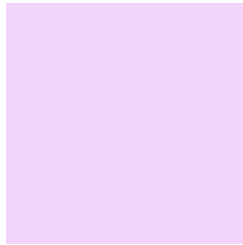
61.0710, 99.8040, 52.5080



19.7210, 32.1830, 16.9750

Previews

White Background



This preview shows how the YIQ color 226.3020, 5.6820, 18.1780 looks on a white background.

Color Contrast Check

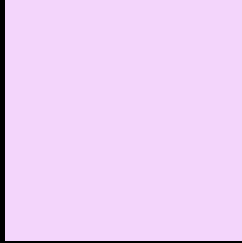
Large Text (above 18pt) WCAG AA × Fail

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 226.3020, 5.6820, 18.1780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

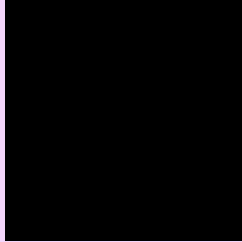
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

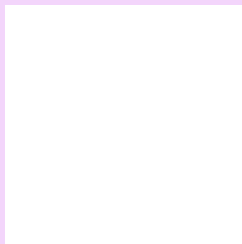
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 226.3020, 5.6820, 18.1780

Background



This preview shows how black text looks on a background with the YIQ color 226.3020, 5.6820, 18.1780.



This preview shows how white text looks on a background with the YIQ color 226.3020, 5.6820,

18.1780.

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

226.3020, 5.6820, 18.1780

Protanopia

223.6800, -13.2980, 9.7260

Deuteranopia

225.2470, -1.6530, 13.4430



Tritanopia

225.1140, 8.8470, 10.3750

Trichromacy



Original Color

226.3020, 5.6820, 18.1780

Protanomaly

224.4960, -6.7880, 12.8920

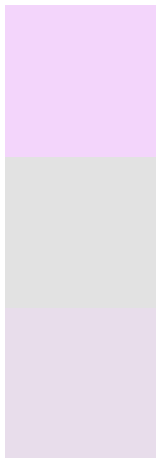
Deuteranomaly

225.8560, 1.0060, 14.8140

Tritanomaly

225.6240, 7.4710, 13.2870

Monochromacy



Original Color

226.3020, 5.6820, 18.1780

Achromatopsia

226.0000, -0.0000, 0.0000

Achromatomaly

225.8850, 2.0620, 6.6860

CSS Examples

Text

The CSS property to change the color of the text to YIQ 226.3020, 5.6820, 18.1780 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(243, 213, 251)` looks like.

```
.text, #text, p{  
    color:rgb(243, 213, 251)  
}
```

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(243, 213, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 213, 251) }
```

Border

The CSS property to change the border of an element to YIQ 226.3020, 5.6820, 18.1780 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(243, 213, 251) }
```


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

```
.border{ border-color:rgb(243, 213, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 213, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 213, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 213, 251);  
box-shadow:4px 4px 4px 4px rgb(243, 213,  
251) }
```

Background

The CSS property to change the background color of an element to YIQ 226.3020, 5.6820, 18.1780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 213, 251) }
```

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

```
.background{ background-color: rgb(243,  
213, 251) }
```

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