

# Converting Colors

YIQ(226.1910, 19.1160, 17.0040)

Have a look what the booklet for  
YIQ(226.1910, 19.1160, 17.0040)  
contains.

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# Color

**YIQ(226.1910, 19.1160,  
17.0040)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FFD2EA
RGB	255, 210, 234
RGB Percent	100%, 82%, 92%
CMY	0.0000, 0.1765, 0.0823
CMYK	0.00, 0.18, 0.08, 0.00
HSL	328°, 100%, 91%
HSV	328°, 18%, 100%
XYZ	79.1353, 73.2852, 87.8275
YIQ	226.1910, 19.1160, 17.0040

# Conversions

## Conversions Part 2

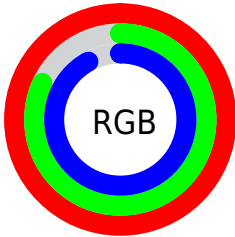
Format	Color
R <sub>Y</sub> B	255, 210, 234
Decimal	16765674
CIE Lab	88.58, 19.59, -5.86
CIE LCh	89, 20.444, 343.350
Yxy	73.2852, 0.3294, 0.3050
Android (android.graphics.Color)	4294955754 (0xFFFFD2EA)
YUV	226.1910, 3.8498, 25.2655
Hunter-Lab	85.6068, 15.1943, -0.9033

# Details

The YIQ color  $226.1910, 19.1160, 17.0040$  is a light color, and the websafe version is hex  $\text{FFCCCC}$ . A complement of this color would be  $238.8090, -19.1160, -17.0040$ , 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  $170.4790, 18.2450, 16.2690$  is the 20% darker color. If you saturate the color by 10%, you get  $209.5610, 30.1180, 26.8700$ , and if you desaturate by 10%, it is  $242.2340, 8.3890, 7.6610$ .

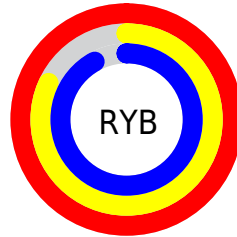
# Distribution



Red (100%)

Green (82%)

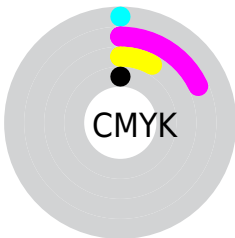
Blue (92%)



Red (100%)

Yellow (82%)

Blue (92%)

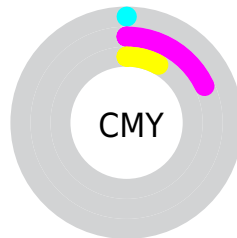


Cyan (0%)

Magenta (18%)

Yellow (8%)

Black (0%)



Cyan (0%)

Magenta (18%)


Yellow (8%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 226.1910, 19.1160, 17.0040 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 226.1910, 19.1160, 17.0040 by changing the saturation by 10% instead.





 226.1910, 19.1160,  
17.0040


 226.1910, 19.1160,  
17.0040


255.0000, -0.0000,  
-0.0000

 197.8920, 18.5200,  
16.7920

 170.4790, 18.2450,  
16.2690

 143.8810, 17.0530,  
15.8450

 118.4680, 16.7780,  
15.3220

 93.1690, 16.1820,  
15.1100

 69.4570, 15.3110,  
14.3750

 46.4460, 13.8440,

13.4280

■ 24.8480, 12.6520,  
13.0040

■ 8.5010, 12.0110,  
8.0990

■ 226.1910, 19.1160,  
17.0040

■ 226.1910, 19.1160,  
17.0040

■ 209.5610, 30.1180,  
26.8700

■ 242.2340, 8.3890,  
7.6610

■ 193.5180, 40.8450,  
36.2130

255.0000, -0.0000,  
-0.0000

■ 176.8880, 51.8470,  
46.0790

■ 160.8450, 62.5740,  
55.4220

■ 144.3290, 73.2550,  
65.5990

■ 128.2860, 83.9820,  
74.9420

■ 111.6560, 94.9840,  
84.8080

■ 95.6130, 105.7110,  
94.1510

■ 91.7490, 108.3240,  
96.3560

# Harmonies

## Analogous

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



225.6820, 1.5560, 15.8600



226.1910, 19.1160, 17.0040



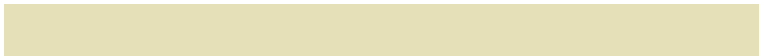
223.3240, 25.8110, 11.3070

# Triad

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



226.1910, 19.1160, 17.0040



220.9350, 15.8200, -11.3800



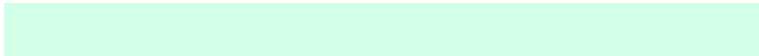
216.1830, -40.3000, -7.5320

# Complementary

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



226.1910, 19.1160, 17.0040



238.8090, -19.1160, -17.0040

# 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.



215.1200, -35.9890, -14.0770



226.1910, 19.1160, 17.0040



218.1330, -2.4730, -15.7610

# Square

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



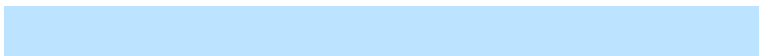
226.1910, 19.1160, 17.0040



222.7350, 28.4270, -3.0690



216.4390, -20.9500, -16.8060



218.5310, -32.2320, 0.4400



# Rectangle

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



226.1910, 19.1160, 17.0040



222.5430, 29.3880, 7.0520



216.4390, -20.9500, -16.8060



215.6020, -40.1620, -10.0340

# Sweetspot

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



226.1910, 19.1160, 17.0040



246.6850, 5.5010, 4.9330



221.1100, -2.5250, 18.2350



122.8480, 3.4840, 2.9400



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.



226.1910, 19.1160, 17.0040



220.4520, 22.8750, 20.4670



223.6830, 26.1780, 10.1620



119.6850, 5.5010, 4.9330



68.7370, 81.0940, 72.2140



23.0120, 27.2300, 24.1420



# Inverse Universe

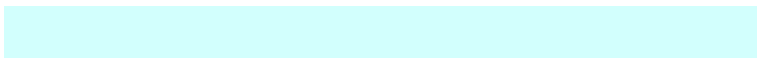
The Inverse Universe completely reimagines the original color for something new.



226.1910, 19.1160, 17.0040



220.4520, 22.8750, 20.4670



241.3170, -26.1780, -10.1620



119.6850, 5.5010, 4.9330



68.7370, 81.0940, 72.2140



23.0120, 27.2300, 24.1420



# Previews

## White Background



This preview shows how the YIQ color 226.1910, 19.1160, 17.0040 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

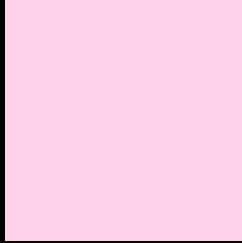
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 226.1910, 19.1160, 17.0040 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

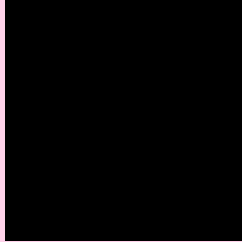
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 226.1910, 19.1160, 17.0040

## Background



This preview shows how black text looks on a background with the YIQ color 226.1910, 19.1160, 17.0040.



This preview shows how white text looks on a background with the YIQ color 226.1910, 19.1160,



# 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

226.1910, 19.1160, 17.0040

### Protanopia

223.2800, -6.4200, 6.2200

### Deuteranopia

224.8150, 8.2510, 10.1630



## Tritanopia

225.7950, 20.1710, 14.4030

# Trichromacy



## Original Color

226.1910, 19.1160, 17.0040

## Protanomaly

224.1780, 2.7950, 9.9230

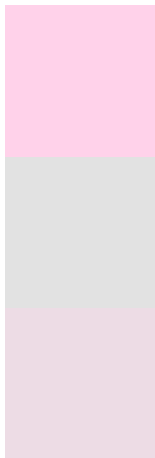
## Deuteranomaly

225.4350, 12.3770, 12.4810

## Tritanomaly

226.0230, 19.5290, 15.0250

# Monochromacy



## Original Color

226.1910, 19.1160, 17.0040

## Achromatopsia

226.0000, -0.0000, 0.0000

## Achromatomaly

226.1090, 7.2430, 6.4030

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 226.1910, 19.1160, 17.0040 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(255, 210, 234)` looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 234)  
}
```

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(255, 210, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 234) }
```

## Border

The CSS property to change the border of an element to YIQ 226.1910, 19.1160, 17.0040 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(255, 210, 234) }
```



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

```
.border{ border-color:rgb(255, 210, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 210, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 210, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 210, 234);  
box-shadow:4px 4px 4px 4px rgb(255, 210,  
234) }
```

# Background

The CSS property to change the background color of an element to YIQ 226.1910, 19.1160, 17.0040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 210, 234) }
```

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

```
.background{ background-color: rgb(255,  
210, 234) }
```

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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