

# Converting Colors

YIQ(214.6970, 6.3680, 27.7760)

Have a look what the booklet for  
YIQ(214.6970, 6.3680, 27.7760)  
contains.

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# Color

**YIQ(214.6970, 6.3680,  
27.7760)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EEC3FF
RGB	238, 195, 255
RGB Percent	93%, 76%, 100%
CMY	0.0665, 0.2353, 0.0000
CMYK	0.07, 0.24, 0.00, 0.00
HSL	283°, 100%, 88%
HSV	283°, 24%, 100%
XYZ	72.8321, 64.4251, 103.1998
YIQ	214.6970, 6.3680, 27.7760

# Conversions

## Conversions Part 2

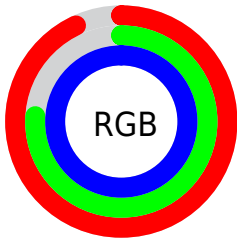
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	238, 195, 255
Decimal	15647743
CIE Lab	84.19, 25.70, -23.72
CIE LCh	84, 34.977, 317.295
Yxy	64.4251, 0.3029, 0.2679
Android (android.graphics.Color)	4293837823 (0xFFEEC3FF)
YUV	214.6970, 19.8694, 20.4367
Hunter-Lab	80.2653, 21.5053, -20.0455

# Details

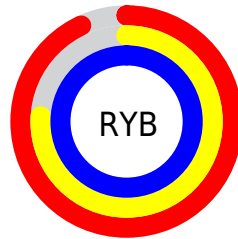
The YIQ color  $214.6970, 6.3680, 27.7760$  is a light color, and the websafe version is hex  $\text{FFCCFF}$ . A complement of this color would be  $235.3030, -6.3680, -27.7760$ , and the grayscale version is  $214.0000, -0.0000, 0.0000$ .

A 20% lighter version of the original color is  $253.2390, 0.8250, 1.5690$ , and  $159.7570, 6.1390, 26.4190$  is the 20% darker color. If you saturate the color by 10%, you get  $197.3420, 9.3460, 39.8900$ , and if you desaturate by 10%, it is  $231.4650, 3.6650, 16.1850$ .

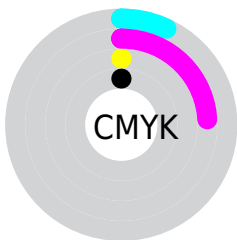
# Distribution



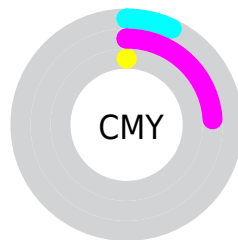
- Red (93%)
- Green (76%)
- Blue (100%)



- Red (93%)
- Yellow (76%)
- Blue (100%)



- Cyan (7%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)




- Cyan (7%)
- Magenta (24%)
- Yellow (0%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 214.6970, 6.3680, 27.7760 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 214.6970, 6.3680, 27.7760 by changing the saturation by 10% instead.



 214.6970, 6.3680,  
27.7760


 214.6970, 6.3680,  
27.7760

255.0000, -0.0000,  
-0.0000


 186.8710, 5.8180,  
26.7300


 253.2390, 0.8250,  
1.5690

 159.7570, 6.1390,  
26.4190

 133.0450, 5.2680,  
25.6840

 107.5180, 5.3140,  
24.8500

 82.6920, 4.7640,  
23.8040

 59.1650, 4.8100,  
22.9700

 36.4530, 3.9390,

22.2350

■ 14.9260, 3.9850,  
21.4010

■ 3.5510, -8.6210,  
7.5630

■ 214.6970, 6.3680,  
27.7760

■ 214.6970, 6.3680,  
27.7760

■ 197.3420, 9.3460,  
39.8900

■ 231.4650, 3.6650,  
16.1850

■ 180.5740, 12.0490,  
51.4810

■ 248.8200, 0.6870,  
4.0710

■ 162.9200, 14.4310,  
63.3830

255.0000, -0.0000,  
-0.0000

■ 146.1520, 17.1340,  
74.9740

■ 128.7970, 20.1120,  
87.0880

■ 112.0290, 22.8150,  
98.6790

■ 94.6740, 25.7930,  
110.7930

■ 83.7870, 27.2130,  
118.1010

# Harmonies

## Analogous

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



208.8840, -22.5600, 12.3840



214.6970, 6.3680, 27.7760



211.6640, 28.3300, 26.2340

# Triad

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



214.6970, 6.3680, 27.7760



209.3590, 43.9250, -8.6110



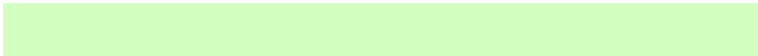
192.4190, -70.9240, -25.2280

# Complementary

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



214.6970, 6.3680, 27.7760



235.3030, -6.3680, -27.7760

# 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.



196.6270, -42.4510, -29.1310



214.6970, 6.3680, 27.7760



206.2480, 21.8280, -21.1480

# Square

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



214.6970, 6.3680, 27.7760



207.5310, 46.8570, 4.3370



201.6340, -8.7980, -27.7900



193.7360, -78.7660, -15.2620



# Rectangle

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



214.6970, 6.3680, 27.7760



207.9820, 35.9420, 20.4380



201.6340, -8.7980, -27.7900



193.2580, -63.2210, -27.1650

# Sweetspot

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



214.6970, 6.3680, 27.7760



242.9390, 1.9700, 8.3540



211.8190, -23.9350, 9.7690



120.6460, 1.2370, 5.1170



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.



214.6970, 6.3680, 27.7760



207.3430, 7.6050, 32.8930



218.2980, 20.6730, 27.3370



119.1730, 1.1910, 5.9510



62.7370, 20.3410, 88.4450



21.0500, 6.8720, 29.6560



# Inverse Universe

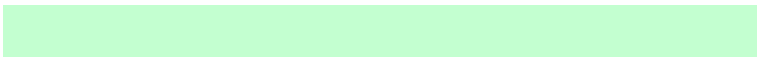
The Inverse Universe completely reimagines the original color for something new.



214.8780, 30.3030, 18.0070



207.5090, 35.8960, 21.2720



231.7020, -20.6730, -27.3370



119.2290, 6.7850, 3.6890



63.2650, 96.5020, 57.2860



21.1880, 32.3660, 19.1660



# Previews

## White Background



This preview shows how the YIQ color 214.6970, 6.3680, 27.7760 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

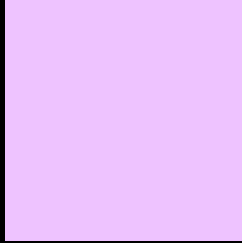
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 214.6970, 6.3680, 27.7760 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

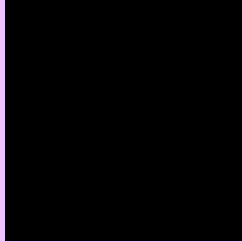
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 214.6970, 6.3680, 27.7760

## Background



This preview shows how black text looks on a background with the YIQ color 214.6970, 6.3680, 27.7760.



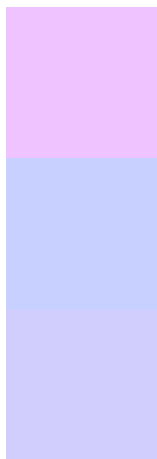
This preview shows how white text looks on a background with the YIQ color 214.6970, 6.3680,

27.7760.

# 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

214.6970, 6.3680, 27.7760

### Protanopia

210.6670, -20.4510, 12.7090

### Deuteranopia

212.2550, -13.2990, 15.2530



## Tritanopia

212.7940, 12.7440, 11.3360

# Trichromacy



## Original Color

214.6970, 6.3680, 27.7760

## Protanomaly

211.9180, -10.7320, 18.2920

## Deuteranomaly

213.3100, -5.9640, 19.9880

## Tritanomaly

213.1130, 10.5880, 17.3720

# Monochromacy



## Original Color

214.6970, 6.3680, 27.7760

## Achromatopsia

215.0000, -0.0000, -0.0000

## Achromatomaly

214.9930, 1.8780, 10.0220

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 214.6970, 6.3680, 27.7760 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(238, 195, 255)` looks like.

```
.text, #text, p{  
    color:rgb(238, 195, 255)  
}
```

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(238, 195, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 195, 255) }
```

## Border

The CSS property to change the border of an element to YIQ 214.6970, 6.3680, 27.7760 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".

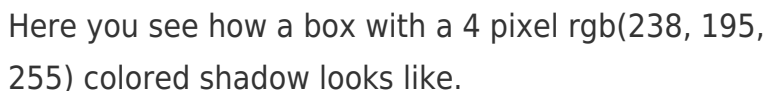
```
.border, #border, table{ border:4px solid rgb(238, 195, 255) }
```



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

```
.border{ border-color:rgb(238, 195, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(238, 195, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 195, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 195, 255);  
box-shadow:4px 4px 4px 4px rgb(238, 195,  
255) }
```

# Background

The CSS property to change the background color of an element to YIQ 214.6970, 6.3680, 27.7760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 195, 255) }
```

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

```
.background{ background-color: rgb(238,  
195, 255) }
```

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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