

# Converting Colors

YIQ(227.5590, 6.0960, 10.6720)

Have a look what the booklet for  
YIQ(227.5590, 6.0960, 10.6720)  
contains.

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# Color

**YIQ(227.5590, 6.0960,  
10.6720)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F0DBEF
RGB	240, 219, 239
RGB Percent	94%, 86%, 94%
CMY	0.0588, 0.1412, 0.0627
CMYK	0.00, 0.09, 0.00, 0.06
HSL	303°, 41%, 90%
HSV	303°, 9%, 94%
XYZ	76.8501, 75.4186, 92.1699
YIQ	227.5590, 6.0960, 10.6720

# Conversions

## Conversions Part 2

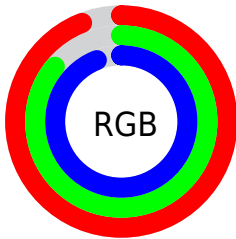
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	240, 219, 239
Decimal	15784943
CIE Lab	89.59, 10.68, -7.14
CIE LCh	90, 12.851, 326.227
Yxy	75.4186, 0.3144, 0.3085
Android (android.graphics.Color)	4293975023 (0xFFFF0DBEF)
YUV	227.5590, 5.6404, 10.9108
Hunter-Lab	86.8439, 5.9818, -2.1354

# Details

The YIQ color  $227.5590, 6.0960, 10.6720$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $231.4410, -6.0960, -10.6720$ , 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  $172.1460, 5.8210, 10.1490$  is the 20% darker color. If you saturate the color by 10%, you get  $213.3570, 13.0170, 22.9130$ , and if you desaturate by 10%, it is  $241.7610, -0.8250, -1.5690$ .

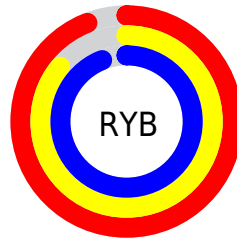
# Distribution



Red (94%)

Green (86%)

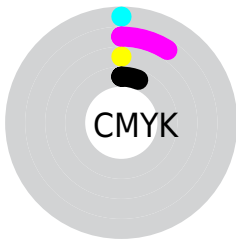
Blue (94%)



Red (94%)

Yellow (86%)

Blue (94%)

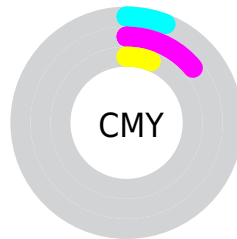


Cyan (0%)

Magenta (9%)

Yellow (0%)

Black (6%)



Cyan (6%)

Magenta (14%)

Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 227.5590, 6.0960, 10.6720 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 227.5590, 6.0960, 10.6720 by changing the saturation by 10% instead.



227.5590, 6.0960,  
10.6720

227.5590, 6.0960,  
10.6720

255.0000, -0.0000,  
-0.0000

199.5590, 6.0960,  
10.6720

172.1460, 5.8210,  
10.1490

145.7330, 5.5460,  
9.6260

119.7330, 5.5460,  
9.6260

95.3200, 5.2710,  
9.1030

71.0210, 4.6750,  
8.8910

48.6080, 4.4000,

8.3680

■ 27.7820, 3.8500,  
7.3220

■ 6.1950, 4.1250,  
7.8450

■ 227.5590, 6.0960,  
10.6720

■ 227.5590, 6.0960,  
10.6720

■ 213.3570, 13.0170,  
22.9130

■ 241.7610, -0.8250,  
-1.5690

■ 199.1550, 19.9380,  
35.1540

■ 248.9190, -4.4460,  
-7.5340

■ 184.9530, 26.8590,  
47.3950

■ 249.0330, -4.7670,  
-7.2230

■ 170.6370, 34.1010,  
59.3250

■ 249.2610, -5.4090,  
-6.6010

156.4350, 41.0220,  
71.5660

249.3750, -5.7300,  
-6.2900

142.2330, 47.9430,  
83.8070

249.4890, -6.0510,  
-5.9790

128.0310, 54.8640,  
96.0480

249.6030, -6.3720,  
-5.6680

113.8290, 61.7850,  
108.2890

249.7170, -6.6930,  
-5.3570

99.6270, 68.7060,  
120.5300

249.8310, -7.0140,  
-5.0460

# Harmonies

## Analogous

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



226.6330, -5.9160, 8.1000



227.5590, 6.0960, 10.6720



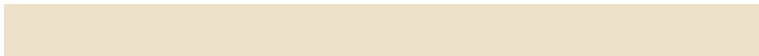
227.7080, 15.8620, 9.8940

# Triad

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



227.5590, 6.0960, 10.6720



225.2650, 15.1310, -4.3970



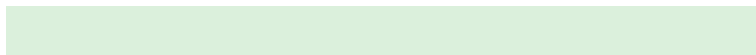
221.0940, -23.9320, -6.8120

# Complementary

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



227.5590, 6.0960, 10.6720



231.4410, -6.0960, -10.6720

# 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.



221.1070, -16.7790, -9.7950



227.5590, 6.0960, 10.6720



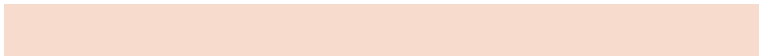
223.6550, 5.0450, -8.8350

# Square

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



227.5590, 6.0960, 10.6720



226.3630, 20.9070, 1.0590



222.1420, -6.6920, -10.8840



222.4410, -23.2910, -1.9070



# Rectangle

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



227.5590, 6.0960, 10.6720



227.6930, 20.2180, 8.0420



222.1420, -6.6920, -10.8840



221.5240, -22.3270, -8.3670

# Sweetspot

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



227.5590, 6.0960, 10.6720



250.3040, 2.2000, 4.1840



221.6930, -6.1450, 6.7430



124.3640, 1.9710, 2.8270



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.



227.5590, 6.0960, 10.6720



238.4500, 8.0210, 14.3330



226.4190, 9.3060, 7.5620



112.8420, 3.6210, 5.9650



74.9660, 53.4890, 93.4330



22.7860, 16.3630, 28.3550



# Inverse Universe

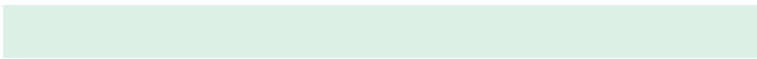
The Inverse Universe completely reimagines the original color for something new.



227.5590, 6.0960, 10.6720



238.4500, 8.0210, 14.3330



232.5810, -9.3060, -7.5620



112.8420, 3.6210, 5.9650



74.9660, 53.4890, 93.4330

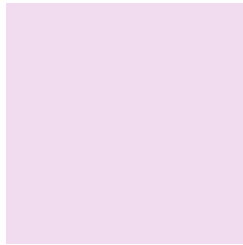


22.7860, 16.3630, 28.3550



# Previews

## White Background



This preview shows how the YIQ color 227.5590, 6.0960, 10.6720 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

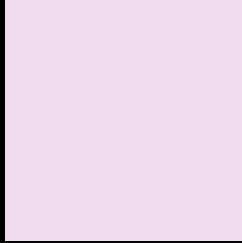
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 227.5590, 6.0960, 10.6720 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

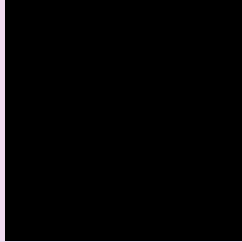
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 227.5590, 6.0960, 10.6720

## Background



This preview shows how black text looks on a background with the YIQ color 227.5590, 6.0960, 10.6720.



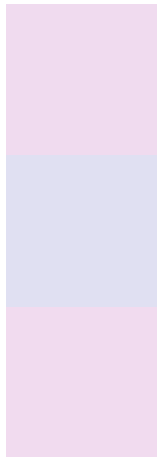
This preview shows how white text looks on a background with the YIQ color 227.5590, 6.0960,

10.6720.

# 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

227.5590, 6.0960, 10.6720

### Protanopia

226.0520, -5.7780, 5.5980

### Deuteranopia

227.8580, 6.6920, 10.8840



## Tritanopia

227.3310, 6.7380, 10.0500

# Trichromacy



## Original Color

227.5590, 6.0960, 10.6720

## Protanomaly

226.5580, -1.3310, 7.6050

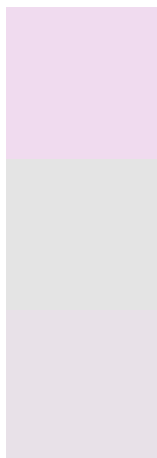
## Deuteranomaly

227.8580, 6.6920, 10.8840

## Tritanomaly

227.4450, 6.4170, 10.3610

# Monochromacy



## Original Color

227.5590, 6.0960, 10.6720

## Achromatopsia

228.0000, 0.0000, 0.0000

## Achromatomaly

227.8910, 1.9250, 3.6610

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 227.5590, 6.0960, 10.6720 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(240, 219, 239)` looks like.

```
.text, #text, p{  
    color:rgb(240, 219, 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(240, 219, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 219, 239) }
```

## Border

The CSS property to change the border of an element to YIQ 227.5590, 6.0960, 10.6720 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(240, 219, 239) }
```



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

```
.border{ border-color:rgb(240, 219, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 219, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 219, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 219, 239);  
box-shadow:4px 4px 4px 4px rgb(240, 219,  
239) }
```

# Background

The CSS property to change the background color of an element to YIQ 227.5590, 6.0960, 10.6720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 219, 239) }
```

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

```
.background{ background-color: rgb(240,  
219, 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](#).

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