

# Converting Colors

XYZ(79.6970, 79.8240, 85.3358)

Have a look what the booklet for  
XYZ(79.6970, 79.8240, 85.3358)  
contains.

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# Color

**XYZ(79.6970, 79.8240,  
85.3358)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F7E2E5
RGB	247, 226, 229
RGB Percent	97%, 89%, 90%
CMY	0.0314, 0.1137, 0.1020
CMYK	0.00, 0.09, 0.07, 0.03
HSL	351°, 57%, 93%
HSV	351°, 9%, 97%
XYZ	79.6970, 79.8240, 85.3358
YIQ	232.6210, 11.5530, 5.3850

# Conversions

## Conversions Part 2

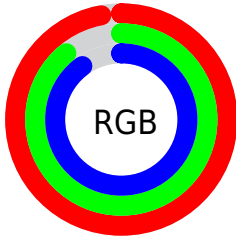
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	247, 226, 229
Decimal	16245477
CIE Lab	91.61, 7.67, 1.13
CIE LCh	92, 7.753, 8.383
Yxy	79.8240, 0.3255, 0.3260
Android (android.graphics.Color)	4294435557 (0xFF7E2E5)
YUV	232.6210, -1.7852, 12.6104
Hunter-Lab	89.3443, 2.8733, 5.9111

# Details

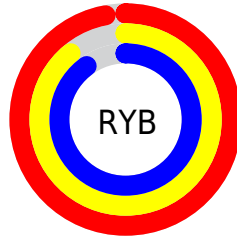
The XYZ color **79.6970, 79.8240, 85.3358** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **80.9570, 89.2240, 98.5475**, and the grayscale version is **77.1760, 81.1952, 88.4216**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.6887, 43.2582, 46.0914** is the 20% darker color. If you saturate the color by 10%, you get **70.6799, 66.2358, 68.6217**, and if you desaturate by 10%, it is **90.0468, 95.4984, 104.2754**.

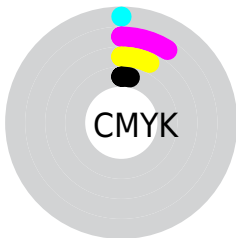
# Distribution



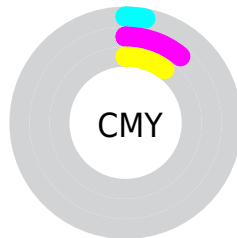
- Red (97%)
- Green (89%)
- Blue (90%)



- Red (97%)
- Yellow (89%)
- Blue (90%)



- Cyan (0%)
- Magenta (9%)
- Yellow (7%)
- Black (3%)




- Cyan (3%)
- Magenta (11%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 79.6970, 79.8240, 85.3358 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 XYZ color 79.6970, 79.8240, 85.3358 by changing the saturation by 10% instead.




 79.6970, 79.8240,  
85.3358

 79.6970, 79.8240,  
85.3358


482.6632,  
494.3395, 532.9121

 59.7767, 59.5735,  
63.5671


131.8924,  
133.1183, 142.7206

 43.4874, 43.0750,  
45.8562

164.8982,  
166.9308, 179.1738

 30.4639, 29.9440,  
31.7845


202.9965,  
206.0329, 221.3589

 20.3408, 19.7961,  
20.9335

246.5527,  
250.8089, 269.6944

 12.7527, 12.2469,  
12.8846

295.9321,  
301.6431, 324.5990

 7.3343, 6.9120,  
7.2194

351.5000,

 3.7202, 3.4072,

358.9200, 386.4911

3.5191

413.6220,  
423.0240, 455.7893

■ 1.5451, 1.3478,  
1.3654

■ 0.3562, 0.1778,  
0.1145

■ 79.6970, 79.8240,  
85.3358

■ 79.6970, 79.8240,  
85.3358

■ 70.6799, 66.2358,  
68.6217

■ 90.0468, 95.4984,  
104.2754

■ 62.9348, 54.6359,  
54.0462

■ 92.1682, 98.5144,  
108.7651

■ 56.4059, 44.9341,  
41.5242

■ 51.0310, 37.0290,  
30.9629

■ 46.7422, 30.8099,  
22.2624

■ 43.4644, 26.1538,  
15.3138

■ 41.1127, 22.9208,  
9.9969

■ 39.5881, 20.9462,  
6.1755

■ 38.7551, 19.9975,  
3.6867

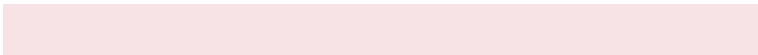
# Harmonies

## Analogous

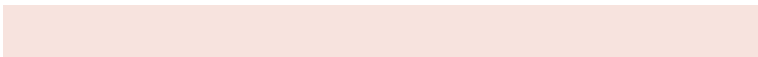
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.4627, 79.8240, 90.9911



79.6970, 79.8240, 85.3358



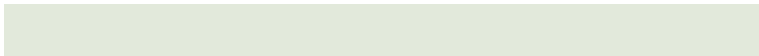
78.8920, 79.8240, 80.3230

# Triad

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



79.6970, 79.8240, 85.3358



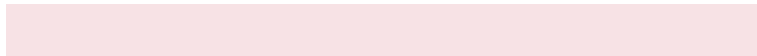
73.5323, 79.8240, 78.6500



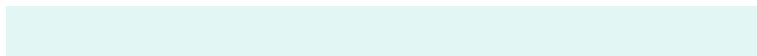
74.4773, 79.8240, 97.4436

# Complementary

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



79.6970, 79.8240, 85.3358



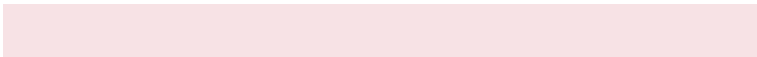
80.9570, 89.2240, 98.5475

# Split Complementary

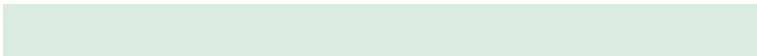
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.9268, 79.8240, 93.8577



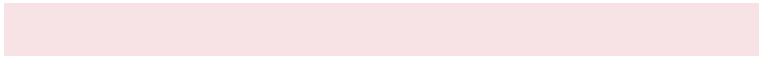
79.6970, 79.8240, 85.3358



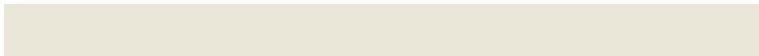
72.3879, 79.8240, 82.9620

# Square

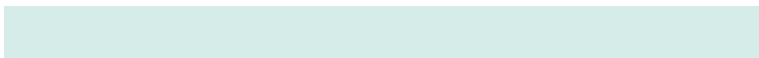
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.6970, 79.8240, 85.3358



75.3170, 79.8240, 76.5742



72.1681, 79.8240, 88.5131



76.4264, 79.8240, 98.1467



# Rectangle

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



79.6970, 79.8240, 85.3358



77.8824, 79.8240, 77.9619



72.1681, 79.8240, 88.5131



73.8932, 79.8240, 96.5281

# Sweetspot

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



79.6992, 79.8275, 85.3375



91.6198, 94.8006, 102.6360



81.2435, 80.3180, 99.2177



19.4190, 20.0013, 21.6180



0.0000, 0.0000, 0.0000

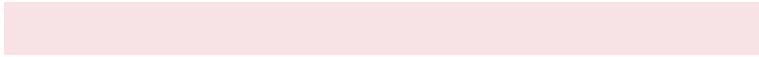


20.3446, 21.4041, 23.3091



# Same Dimension

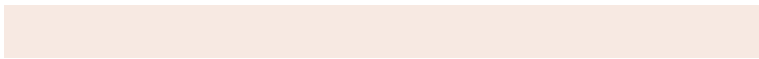
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.6992, 79.8275, 85.3375



84.1256, 83.4668, 88.8713



81.3258, 83.7443, 83.8336



16.5954, 16.5210, 17.6161



20.4789, 10.5350, 1.9646

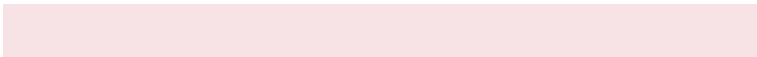


1.8288, 0.9375, 0.3249

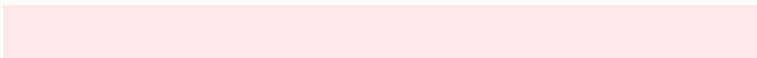


# Inverse Universe

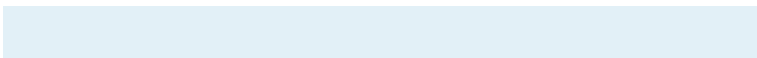
The Inverse Universe completely reimagines the original color for something new.



79.6992, 79.8275, 85.3375



84.1256, 83.4668, 88.8713



79.2126, 85.0012, 100.2287



16.5954, 16.5210, 17.6161



20.4789, 10.5350, 1.9646

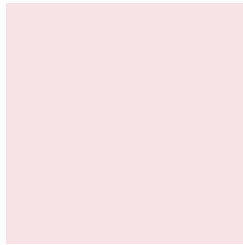


1.8288, 0.9375, 0.3249



# Previews

## White Background



This preview shows how the XYZ color 79.6970, 79.8240, 85.3358 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

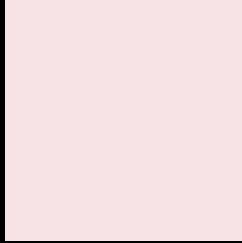
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 79.6970, 79.8240, 85.3358 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

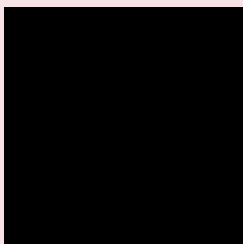
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

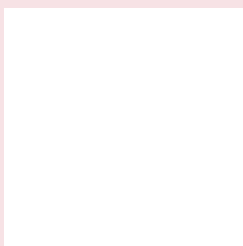
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 79.6970, 79.8240, 85.3358**

## **Background**



This preview shows how black text looks on a background with the XYZ color 79.6970, 79.8240, 85.3358.



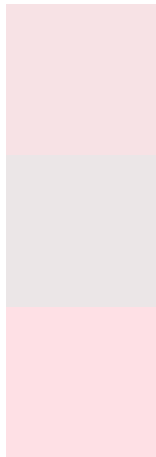
This preview shows how white text looks on a background with the XYZ color 79.6970, 79.8240,

85.3358.

# 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

79.6970, 79.8240, 85.3358

### Protanopia

76.9816, 80.0253, 86.9904

### Deuteranopia

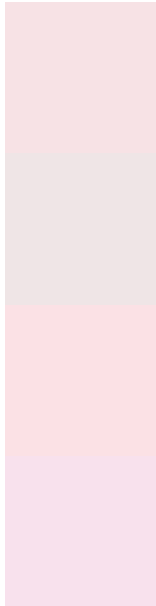
81.6716, 80.0393, 85.2733



## Tritanopia

81.7496, 79.8619, 95.1106

# Trichromacy



## Original Color

79.6970, 79.8240, 85.3358

## Protanomaly

77.8988, 80.1025, 86.2185

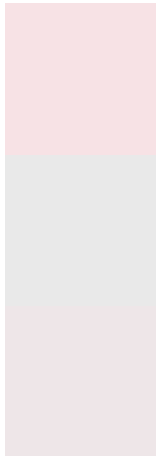
## Deuteranomaly

80.8517, 80.0168, 85.3122

## Tritanomaly

80.9227, 79.9213, 91.2820

# Monochromacy



## Original Color

79.6970, 79.8240, 85.3358

## Achromatopsia

77.4512, 81.4847, 88.7368

## Achromatomaly

78.1222, 80.5970, 87.7832

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 79.6970, 79.8240, 85.3358 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(247, 226, 229) looks like.

```
.text, #text, p{  
    color:rgb(247, 226, 229)  
}
```

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(247, 226, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 226, 229) }
```

## Border

The CSS property to change the border of an element to XYZ 79.6970, 79.8240, 85.3358 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(247, 226, 229) }
```



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

```
.border{ border-color:rgb(247, 226, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 226, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 226, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 226, 229);  
box-shadow:4px 4px 4px 4px rgb(247, 226,  
229) }
```

# Background

The CSS property to change the background color of an element to XYZ 79.6970, 79.8240, 85.3358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 226, 229) }
```

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

```
.background{ background-color: rgb(247,  
226, 229) }
```

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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