

# Converting Colors

XYZ(79.1931, 78.2057, 86.4505)

Have a look what the booklet for  
XYZ(79.1931, 78.2057, 86.4505)  
contains.

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# Color

**XYZ(79.1693, 78.3190,  
86.5457)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F7DFE7
RGB	247, 223, 231
RGB Percent	97%, 87%, 91%
CMY	0.0314, 0.1255, 0.0941
CMYK	0.00, 0.10, 0.06, 0.03
HSL	340°, 60%, 92%
HSV	340°, 10%, 97%
XYZ	79.1693, 78.3190, 86.5457
YIQ	231.0880, 11.7360, 7.5760

# Conversions

## Conversions Part 2

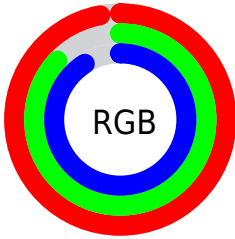
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	247, 223, 231
Decimal	16244711
CIE Lab	90.93, 9.56, -0.91
CIE LCh	91, 9.604, 354.561
Yxy	78.3190, 0.3244, 0.3209
Android (android.graphics.Color)	4294434791 (0xFFFF7DFE7)
YUV	231.0880, -0.0434, 13.9548
Hunter-Lab	88.4980, 4.8125, 3.9666

# Details

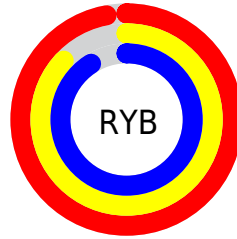
The XYZ color **79.1693, 78.3190, 86.5457** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.2752, 88.4437, 94.5588**, and the grayscale version is **76.0172, 79.9760, 87.0939**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.2264, 42.1768, 46.4201** is the 20% darker color. If you saturate the color by 10%, you get **70.8280, 65.1847, 72.8239**, and if you desaturate by 10%, it is **88.6967, 93.4730, 101.7446**.

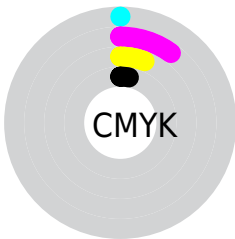
# Distribution



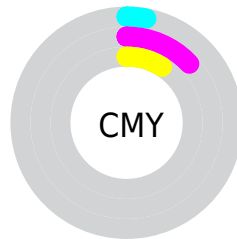
- Red (97%)
- Green (87%)
- Blue (91%)



- Red (97%)
- Yellow (87%)
- Blue (91%)



- Cyan (0%)
- Magenta (10%)
- Yellow (6%)
- Black (3%)



- Cyan (3%)
- Magenta (13%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 79.1693, 78.3190, 86.5457 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 79.1693, 78.3190, 86.5457 by changing the saturation by 10% instead.



79.1693, 78.3190,  
86.5457

79.1693, 78.3190,  
86.5457

480.9082,  
489.2495, 537.0063

59.3411, 58.3361,  
64.5618

131.1538,  
130.9997, 144.4240

43.1352, 42.0789,  
46.6568

164.0409,  
164.4663, 181.1556

30.1862, 29.1631,  
32.4120

202.0117,  
203.1962, 223.6401

20.1287, 19.2042,  
21.4090

245.4315,  
247.5738, 272.2961

12.5975, 11.8179,  
13.2291

294.6657,  
297.9836, 327.5422

7.2270, 6.6198,  
7.4539

350.0796,

3.6521, 3.2255,

354.8098, 389.7969

3.6649

412.0387,  
418.4370, 459.4788

■ 1.5072, 1.2506,  
1.4433

■ 0.3308, 0.1024,  
0.1752

■ 79.1693, 78.3190,  
86.5457

■ 79.1693, 78.3190,  
86.5457

■ 70.8280, 65.1847,  
72.8239

■ 88.6967, 93.4730,  
101.7446

■ 63.6185, 53.9744,  
60.5288

■ 92.1683, 98.5144,  
108.7651

■ 57.4922, 44.5999,  
49.6140

■ 52.3944, 36.9623,  
40.0290

■ 48.2653, 30.9530,  
31.7195

■ 45.0386, 26.4511,  
24.6275

■ 42.6392, 23.3189,  
18.6896

■ 40.9785, 21.3926,  
13.8351

■ 39.9186, 20.4108,  
9.9738

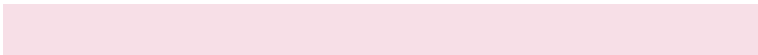
# Harmonies

## Analogous

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



78.2960, 78.3190, 93.2398



79.1693, 78.3190, 86.5457



78.7532, 78.3190, 79.8555

# Triad

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



79.1693, 78.3190, 86.5457



72.5223, 78.3190, 73.7196



71.7740, 78.3190, 96.6019

# Complementary

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



79.1693, 78.3190, 86.5457



79.2752, 88.4437, 94.5588

# 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.



70.2870, 78.3190, 90.9366



79.1693, 78.3190, 86.5457



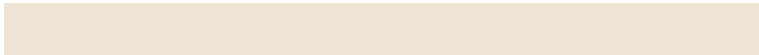
70.7124, 78.3190, 77.7792

# Square

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



79.1693, 78.3190, 86.5457



74.8819, 78.3190, 72.6846



69.9026, 78.3190, 84.0189



73.9996, 78.3190, 99.2437

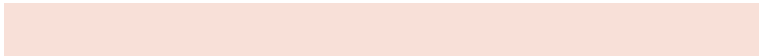


# Rectangle

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



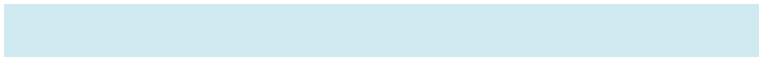
79.1693, 78.3190, 86.5457



77.8051, 78.3190, 76.2622



69.9026, 78.3190, 84.0189



71.1731, 78.3190, 94.9736

# Sweetspot

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



79.1715, 78.3224, 86.5474



91.8474, 94.8916, 103.8346



78.7755, 77.8451, 98.8706



19.4802, 20.0258, 21.9404



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

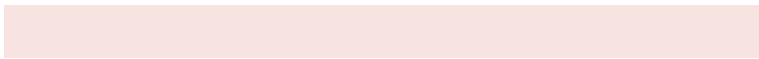
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.1715, 78.3224, 86.5474



82.9404, 80.7614, 89.5090



79.1488, 80.0434, 81.0944



16.7269, 16.5736, 18.3083



21.1564, 10.8060, 5.5322



1.9052, 0.9680, 0.7271



# Inverse Universe

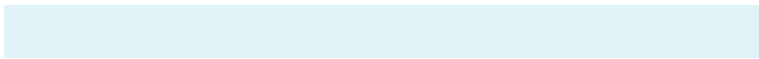
The Inverse Universe completely reimagines the original color for something new.



79.1715, 78.3224, 86.5474



82.9404, 80.7614, 89.5090



79.2732, 86.5069, 100.5163



16.7269, 16.5736, 18.3083



21.1564, 10.8060, 5.5322

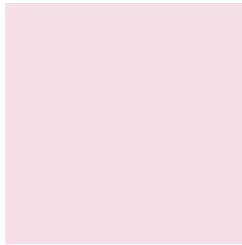


1.9052, 0.9680, 0.7271



# Previews

## White Background



This preview shows how the XYZ color 79.1693, 78.3190, 86.5457 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

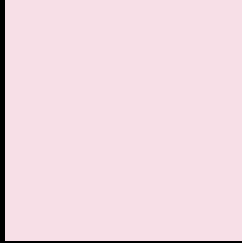
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 79.1693, 78.3190, 86.5457 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

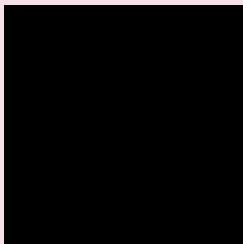
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 79.1693, 78.3190, 86.5457**

## **Background**



This preview shows how black text looks on a background with the XYZ color 79.1693, 78.3190, 86.5457.



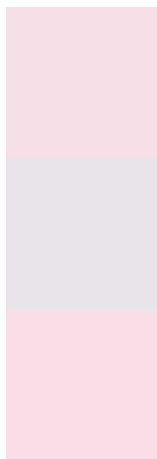
This preview shows how white text looks on a background with the XYZ color 79.1693, 78.3190,



# 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

79.1693, 78.3190, 86.5457

### Protanopia

75.8734, 78.5831, 89.0110

### Deuteranopia

79.9694, 78.3361, 86.5068



## Tritanopia

80.4127, 78.4310, 92.5618

# Trichromacy



## Original Color

79.1693, 78.3190, 86.5457

## Protanomaly

76.8294, 78.2804, 88.1511

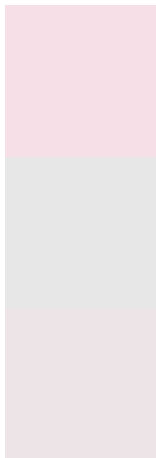
## Deuteranomaly

79.6120, 78.1518, 86.4901

## Tritanomaly

79.9730, 78.2551, 90.2466

# Monochromacy



## Original Color

79.1693, 78.3190, 86.5457

## Achromatopsia

75.9547, 79.9103, 87.0223

## Achromatomaly

77.0923, 79.2609, 86.8370

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 79.1693, 78.3190, 86.5457 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, 223, 231)` looks like.

```
.text, #text, p{  
    color:rgb(247, 223, 231)  
}
```

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, 223, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 223, 231) }
```

## Border

The CSS property to change the border of an element to XYZ 79.1693, 78.3190, 86.5457 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, 223, 231) }
```



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

```
.border{ border-color:rgb(247, 223, 231) }
```

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

Here you see how a box with a 4 pixel rgb(247, 223, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 223, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 223, 231);  
box-shadow:4px 4px 4px 4px rgb(247, 223,  
231) }
```

# Background

The CSS property to change the background color of an element to XYZ 79.1693, 78.3190, 86.5457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 223, 231) }
```

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

```
.background{ background-color: rgb(247,  
223, 231) }
```

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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