

# Converting Colors

XYZ(78.9635, 79.1022, 86.5358)

Have a look what the booklet for  
XYZ(78.9635, 79.1022, 86.5358)  
contains.

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# Color

**XYZ(79.0052, 79.0324,  
86.6921)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F5E1E7
RGB	245, 225, 231
RGB Percent	96%, 88%, 91%
CMY	0.0392, 0.1176, 0.0941
CMYK	0.00, 0.08, 0.06, 0.04
HSL	342°, 50%, 92%
HSV	342°, 8%, 96%
XYZ	79.0052, 79.0324, 86.6921
YIQ	231.6640, 9.9940, 6.1060

# Conversions

## Conversions Part 2

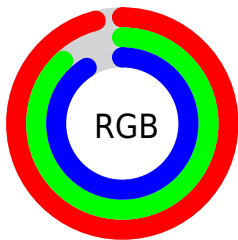
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	245, 225, 231
Decimal	16114151
CIE Lab	91.25, 7.84, -0.46
CIE LCh	91, 7.854, 356.666
Yxy	79.0324, 0.3228, 0.3229
Android (android.graphics.Color)	4294304231 (0xFF5E1E7)
YUV	231.6640, -0.3274, 11.6957
Hunter-Lab	88.9002, 3.0569, 4.4127

# Details

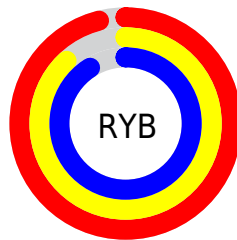
The XYZ color **79.0052, 79.0324, 86.6921** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **79.2867, 87.5464, 94.3849**, and the grayscale version is **76.4496, 80.4309, 87.5893**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.0989, 42.6634, 46.5207** is the 20% darker color. If you saturate the color by 10%, you get **70.5464, 65.8031, 72.4997**, and if you desaturate by 10%, it is **88.6563, 94.2642, 102.4553**.

# Distribution



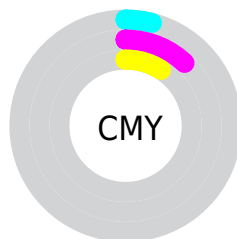
- Red (96%)
- Green (88%)
- Blue (91%)



- Red (96%)
- Yellow (88%)
- Blue (91%)



- Cyan (0%)
- Magenta (8%)
- Yellow (6%)
- Black (4%)




- Cyan (4%)
- Magenta (12%)
- Yellow (9%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 79.0052, 79.0324, 86.6921 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 79.0052, 79.0324, 86.6921 by changing the saturation by 10% instead.




 79.0052, 79.0324,  
86.6921

 79.0052, 79.0324,  
86.6921


480.3617,  
491.6659, 537.5005

 59.2057, 58.9224,  
64.6823


130.9241,  
132.0045, 144.6300

 43.0258, 42.5507,  
46.7538


163.7742,  
165.6354, 181.3951

 30.0999, 29.5327,  
32.4881


201.7052,  
204.5421, 223.9157

 20.0629, 19.4842,  
21.4667

245.0825,  
249.1089, 272.6104

 12.5493, 12.0207,  
13.2710

294.2715,  
299.7203, 327.8977

 7.1938, 6.7578,  
7.4825

349.6374,

 3.6310, 3.3111,

356.7607, 390.1961

3.6827

411.5457,  
420.6145, 459.9242

■ 1.4956, 1.2962,  
1.4529

■ 0.3228, 0.1383,  
0.1825

■ 79.0052, 79.0324,  
86.6921

■ 79.0052, 79.0324,  
86.6921

■ 70.5464, 65.8031,  
72.4997

■ 88.6563, 94.2642,  
102.4553

■ 63.2261, 54.4828,  
59.8239

■ 91.4666, 98.1527,  
108.7323

■ 56.9963, 44.9856,  
48.6143

■ 51.8028, 37.2152,  
38.8163

■ 47.5867, 31.0666,  
30.3711

■ 44.2830, 26.4228,  
23.2160

■ 41.8181, 23.1513,  
17.2824

■ 40.1063, 21.0958,  
12.4945

■ 39.0317, 20.0410,  
8.7621

# Harmonies

## Analogous

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



78.3622, 79.0324, 92.2199



79.0052, 79.0324, 86.6921



78.5915, 79.0324, 81.2252

# Triad

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



79.0052, 79.0324, 86.6921



73.4128, 79.0324, 76.6216



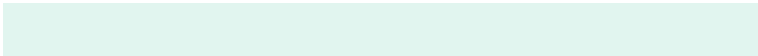
73.0336, 79.0324, 95.5426

# Complementary

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



79.0052, 79.0324, 86.6921



79.2867, 87.5464, 94.3849

# Split Complementary

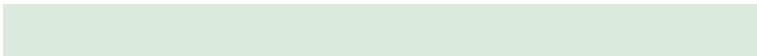
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.7483, 79.0324, 91.0681



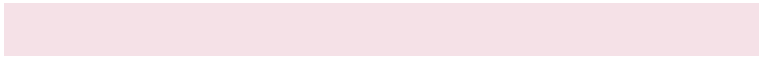
79.0052, 79.0324, 86.6921



71.9644, 79.0324, 80.1671

# Square

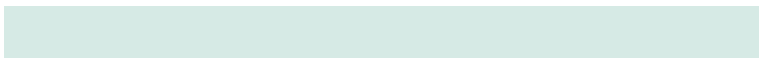
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



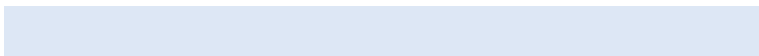
79.0052, 79.0324, 86.6921



75.3408, 79.0324, 75.5643



71.3603, 79.0324, 85.4167



74.8955, 79.0324, 97.4697

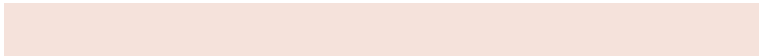


# Rectangle

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



79.0052, 79.0324, 86.6921



77.7760, 79.0324, 78.3213



71.3603, 79.0324, 85.4167



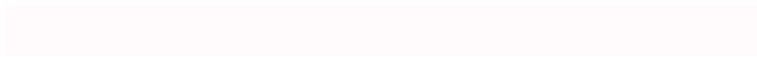
72.5211, 79.0324, 94.2771

# Sweetspot

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



79.0074, 79.0359, 86.6938



92.8749, 96.5612, 105.3651



79.0059, 78.7974, 97.4326



19.9018, 20.7041, 22.5896



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

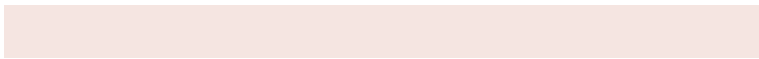
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.0074, 79.0359, 86.6938



84.7053, 83.6987, 91.9240



79.2687, 80.8906, 82.6738



16.7036, 16.5643, 18.1858



20.9956, 10.7417, 4.6850



1.8888, 0.9615, 0.6407



# Inverse Universe

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



79.0074, 79.0359, 86.6938



84.7053, 83.6987, 91.9240



78.9907, 85.5130, 98.7296



16.7036, 16.5643, 18.1858



20.9956, 10.7417, 4.6850

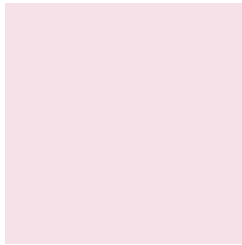


1.8888, 0.9615, 0.6407



# Previews

## White Background



This preview shows how the XYZ color 79.0052, 79.0324, 86.6921 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

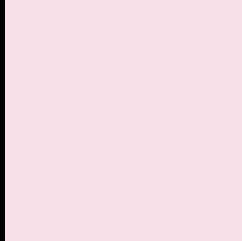
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 79.0052, 79.0324, 86.6921 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

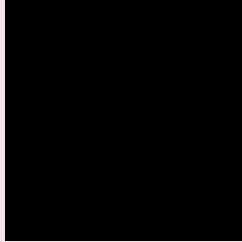
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 79.0052, 79.0324, 86.6921

## Background



This preview shows how black text looks on a background with the XYZ color 79.0052, 79.0324, 86.6921.



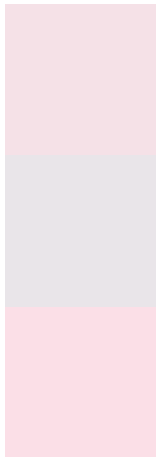
This preview shows how white text looks on a background with the XYZ color 79.0052, 79.0324,



# 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

79.0052, 79.0324, 86.6921

### Protanopia

76.3316, 79.2455, 88.3636

### Deuteranopia

80.5951, 79.0541, 86.6125



## Tritanopia

80.2709, 78.7191, 94.1827

# Trichromacy



## Original Color

79.0052, 79.0324, 86.6921

## Protanomaly

77.2339, 79.3175, 87.5831

## Deuteranomaly

80.1464, 79.2206, 86.6682

## Tritanomaly

79.9478, 79.0186, 91.1592

# Monochromacy



## Original Color

79.0052, 79.0324, 86.6921

## Achromatopsia

76.7008, 80.6952, 87.8771

## Achromatomaly

77.5099, 79.8693, 87.6750

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 79.0052, 79.0324, 86.6921 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(245, 225, 231) looks like.

```
.text, #text, p{  
    color:rgb(245, 225, 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(245, 225, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 225, 231) }
```

## Border

The CSS property to change the border of an element to XYZ 79.0052, 79.0324, 86.6921 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(245, 225, 231) }
```



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

```
.border{ border-color:rgb(245, 225, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 225, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 225, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 225, 231);  
box-shadow:4px 4px 4px 4px rgb(245, 225,  
231) }
```

# Background

The CSS property to change the background color of an element to XYZ 79.0052, 79.0324, 86.6921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 225, 231) }
```

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

```
.background{ background-color: rgb(245,  
225, 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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