

# Converting Colors

XYZ(79.1667, 78.4833, 81.8762)

Have a look what the booklet for  
XYZ(79.1667, 78.4833, 81.8762)  
contains.

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# **Color**

**XYZ(79.0452, 78.3513,  
82.1914)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F9DFE1
RGB	249, 223, 225
RGB Percent	98%, 87%, 88%
CMY	0.0235, 0.1255, 0.1176
CMYK	0.00, 0.10, 0.10, 0.02
HSL	355°, 68%, 93%
HSV	355°, 10%, 98%
XYZ	79.0452, 78.3513, 82.1914
YIQ	231.0020, 14.8540, 6.1340

# Conversions

## Conversions Part 2

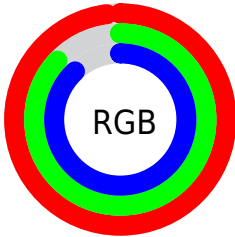
Format	Color
R <sub>Y</sub> B	249, 223, 225
Decimal	16375777
CIE Lab	90.94, 9.25, 2.28
CIE LCh	91, 9.527, 13.818
Yxy	78.3513, 0.3299, 0.3270
Android (android.graphics.Color)	4294565857 (0xFF9DFE1)
YUV	231.0020, -2.9590, 15.7842
Hunter-Lab	88.5163, 4.4974, 6.9079

# Details

The XYZ color **79.0452, 78.3513, 82.1914** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.0986, 90.1567, 101.1276**, and the grayscale version is **75.9726, 79.9290, 87.0427**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.9966, 42.1140, 43.8929** is the 20% darker color. If you saturate the color by 10%, you get **69.9478, 64.8414, 64.7143**, and if you desaturate by 10%, it is **89.5476, 93.9936, 102.2218**.

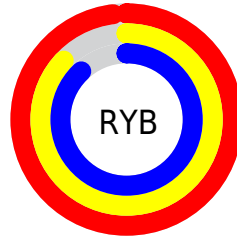
# Distribution



Red (98%)

Green (87%)

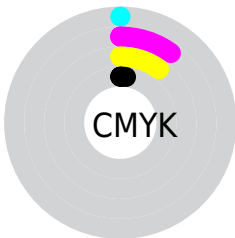
Blue (88%)



Red (98%)

Yellow (87%)

Blue (88%)

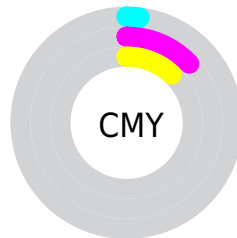


Cyan (0%)

Magenta (10%)

Yellow (10%)

Black (2%)



Cyan (2%)

Magenta (13%)


Yellow (12%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 79.0452, 78.3513, 82.1914 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 79.0452, 78.3513, 82.1914 by changing the saturation by 10% instead.




 79.0452, 78.3513,  
82.1914

 79.0452, 78.3513,  
82.1914


480.4949,  
489.3591, 522.1879

 59.2387, 58.3626,  
60.9866


130.9801,  
131.0452, 138.2815

 43.0524, 42.1002,  
43.7839


163.8392,  
164.5192, 174.0038

 30.1210, 29.1798,  
30.1647


201.7799,  
203.2572, 215.4024

 20.0789, 19.2169,  
19.7105

245.1676,  
247.6434, 262.8957

 12.5610, 11.8271,  
12.0028

294.3676,  
298.0623, 316.9024

 7.2019, 6.6260,  
6.6230

349.7452,

 3.6361, 3.2294,

354.8983, 377.8410

3.1526

411.6659,  
418.5357, 446.1300

■ 1.4984, 1.2526,  
1.1731

■ 0.3248, 0.1041,  
0.0000

■ 79.0452, 78.3513,  
82.1914

■ 79.0452, 78.3513,  
82.1914

■ 69.9478, 64.8414,  
64.7143

■ 89.5476, 93.9936,  
102.2218

■ 62.1896, 53.3617,  
49.6831

■ 92.8773, 98.8799,  
108.7983

■ 55.7090, 43.8173,  
36.9900

■ 50.4376, 36.1014,  
26.5176

■ 46.3002, 30.0973,  
18.1379

■ 43.2130, 25.6742,  
11.7101

■ 41.0811, 22.6831,  
7.0759

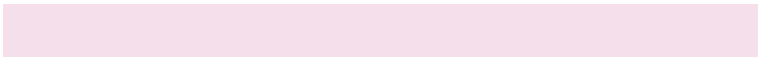
■ 39.7918, 20.9460,  
4.0522

■ 39.1859, 20.1874,  
2.4526

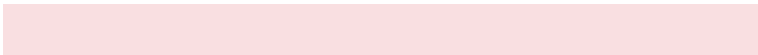
# Harmonies

## Analogous

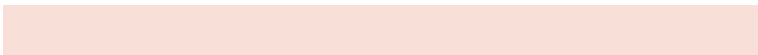
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.9939, 78.3513, 89.0501



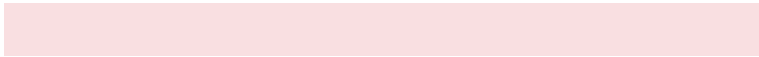
79.0452, 78.3513, 82.1914



77.8523, 78.3513, 76.4785

# Triad

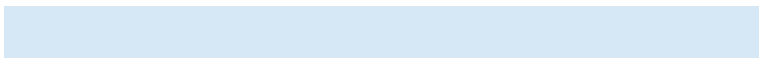
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.0452, 78.3513, 82.1914



71.3189, 78.3513, 76.1205



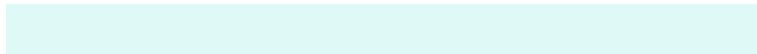
73.1911, 78.3513, 98.6527

# Complementary

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



79.0452, 78.3513, 82.1914



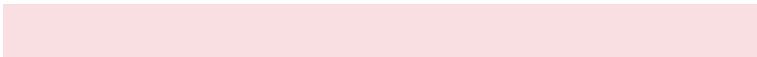
81.0986, 90.1567, 101.1276

# Split Complementary

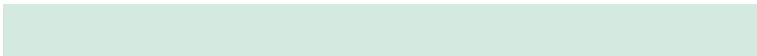
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.1882, 78.3513, 94.7992



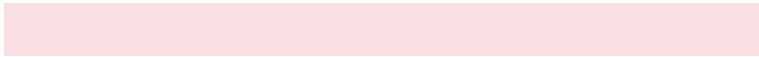
79.0452, 78.3513, 82.1914



70.1233, 78.3513, 81.6786

# Square

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



79.0452, 78.3513, 82.1914



73.3731, 78.3513, 73.1029



70.0759, 78.3513, 88.5091

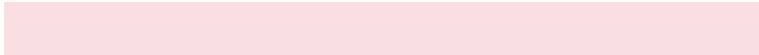


75.5789, 78.3513, 98.8083



# Rectangle

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



79.0452, 78.3513, 82.1914



76.5266, 78.3513, 73.9852



70.0759, 78.3513, 88.5091



72.4517, 78.3513, 97.7379

# Sweetspot

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



79.0474, 78.3548, 82.1931



91.5415, 94.7692, 102.2235



81.7879, 79.3622, 100.6312



19.3979, 19.9929, 21.5072



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

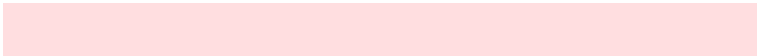


# Same Dimension

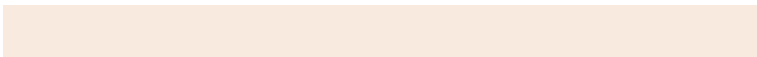
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.0474, 78.3548, 82.1931



80.8297, 78.8262, 81.7571



81.7639, 84.2210, 81.7630



17.2987, 17.2468, 18.1626



20.9945, 10.8135, 1.4137



1.9625, 1.0088, 0.2262



# Inverse Universe

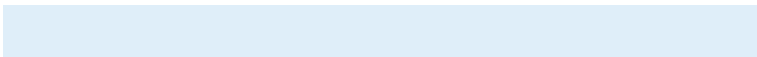
The Inverse Universe completely reimagines the original color for something new.



79.0474, 78.3548, 82.1931



80.8297, 78.8262, 81.7571



78.1563, 83.7765, 101.6747



17.2987, 17.2468, 18.1626



20.9945, 10.8135, 1.4137

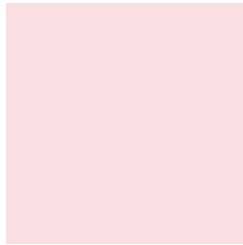


1.9625, 1.0088, 0.2262



# Previews

## White Background



This preview shows how the XYZ color 79.0452, 78.3513, 82.1914 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

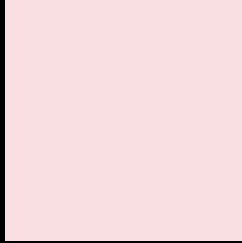
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 79.0452, 78.3513, 82.1914 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

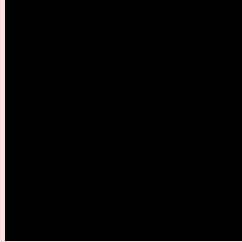
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 79.0452, 78.3513, 82.1914

## Background



This preview shows how black text looks on a background with the XYZ color 79.0452, 78.3513, 82.1914.



This preview shows how white text looks on a background with the XYZ color 79.0452, 78.3513,

82.1914.

# 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

79.0452, 78.3513, 82.1914

### Protanopia

75.3513, 78.4119, 84.5624

### Deuteranopia

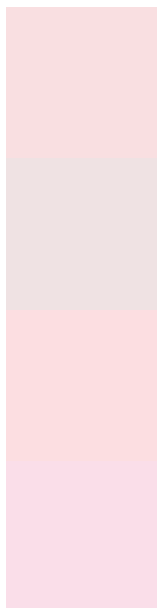
80.2199, 78.5614, 82.1700



## **Tritanopia**

81.0727, 78.3952, 91.7477

# Trichromacy



## Original Color

79.0452, 78.3513, 82.1914

## Protanomaly

76.6581, 78.2895, 83.7441

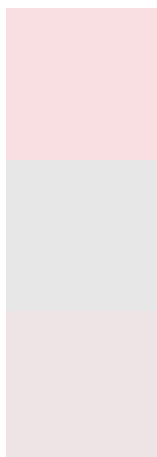
## Deuteranomaly

79.8568, 78.3742, 82.1530

## Tritanomaly

80.2536, 78.4497, 88.0033

# Monochromacy



## Original Color

79.0452, 78.3513, 82.1914

## Achromatopsia

75.9547, 79.9103, 87.0223

## Achromatomaly

77.1462, 79.3211, 85.3732

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 79.0452, 78.3513, 82.1914 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(249, 223, 225) looks like.

```
.text, #text, p{  
    color:rgb(249, 223, 225)  
}
```

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(249, 223, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 223, 225) }
```

## Border

The CSS property to change the border of an element to XYZ 79.0452, 78.3513, 82.1914 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(249, 223, 225) }
```



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

```
.border{ border-color:rgb(249, 223, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 223, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 223, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 223, 225);  
box-shadow:4px 4px 4px 4px rgb(249, 223,  
225) }
```

# Background

The CSS property to change the background color of an element to XYZ 79.0452, 78.3513, 82.1914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 223, 225) }
```

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

```
.background{ background-color: rgb(249,  
223, 225) }
```

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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