

# Converting Colors

XYZ(79.5388, 76.8589, 90.0000)

Have a look what the booklet for XYZ(79.5388, 76.8589, 90.0000) contains.

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# Color

**XYZ(79.5388, 76.8589,  
90.0000)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F9DBEC
RGB	249, 219, 236
RGB Percent	98%, 86%, 93%
CMY	0.0235, 0.1412, 0.0745
CMYK	0.00, 0.12, 0.05, 0.02
HSL	326°, 71%, 92%
HSV	326°, 12%, 98%
XYZ	79.5388, 76.8589, 90.0000
YIQ	229.9080, 12.4230, 11.6470

# Conversions

## Conversions Part 2

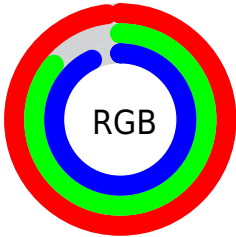
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	249, 219, 236
Decimal	16374764
CIE Lab	90.26, 13.17, -4.50
CIE LCh	90, 13.920, 341.156
Yxy	76.8589, 0.3228, 0.3119
Android (android.graphics.Color)	4294564844 (0xFFF9DBEC)
YUV	229.9080, 3.0034, 16.7437
Hunter-Lab	87.6692, 8.5249, 0.5021

# Details

The XYZ color **79.5388, 76.8589, 90.0000** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.6576, 88.6398, 89.3644**, and the grayscale version is **75.1197, 79.0318, 86.0656**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.2519, 41.0527, 48.8244** is the 20% darker color. If you saturate the color by 10%, you get **72.0020, 64.2183, 79.9848**, and if you desaturate by 10%, it is **88.1464, 91.4874, 100.8414**.

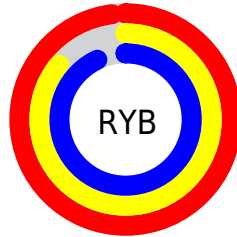
# Distribution



Red (98%)

Green (86%)

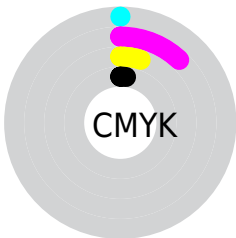
Blue (93%)



Red (98%)

Yellow (86%)

Blue (93%)

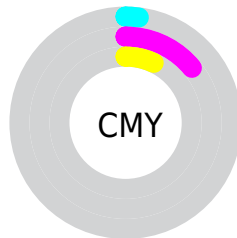


Cyan (0%)

Magenta (12%)

Yellow (5%)

Black (2%)



Cyan (2%)

Magenta (14%)


Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 79.5388, 76.8589, 90.0000 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 79.5388, 76.8589, 90.0000 by changing the saturation by 10% instead.




 79.5388, 76.8589,  
90.0000

 79.5388, 76.8589,  
90.0000


482.1374,  
484.2828, 548.6010

 59.6461, 57.1371,  
67.4069

131.6710,  
128.9403, 149.2739

 43.3818, 41.1153,  
48.9517


164.6413,  
162.0686, 186.7918

 30.3806, 28.4092,  
34.2159


202.7014,  
200.4346, 230.1218

 20.2772, 18.6343,  
22.7808

246.2167,  
244.4226, 279.6823

 12.7061, 11.4064,  
14.2279

295.5526,  
294.4171, 335.8920

 7.3021, 6.3409,  
8.1388

351.0745,

 3.6997, 3.0534,

350.8023, 399.1693

4.0949

413.1476,  
413.9628, 469.9327

■ 1.5337, 1.1597,  
1.6775

■ 0.3486, 0.0284,  
0.3453

■ 79.5388, 76.8589,  
90.0000

■ 79.5388, 76.8589,  
90.0000

■ 72.0020, 64.2183,  
79.9848

■ 88.1464, 91.4874,  
100.8414

■ 65.4848, 53.4689,  
70.7679

■ 92.8774, 98.8800,  
108.7983

■ 59.9414, 44.5209,  
62.3264

■ 55.3198, 37.2732,  
54.6344

■ 51.5632, 31.6147,  
47.6641

■ 48.6077, 27.4209,  
41.3849

■ 46.3801, 24.5485,  
35.7630

■ 44.7925, 22.8248,  
30.7593

■ 43.8815, 22.0656,  
27.1789

# Harmonies

## Analogous

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



77.5238, 76.8589, 98.8860



79.5388, 76.8589, 90.0000



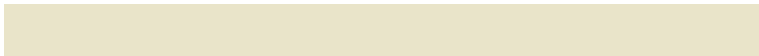
79.7837, 76.8589, 80.0495

# Triad

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



79.5388, 76.8589, 90.0000



71.7709, 76.8589, 66.3315



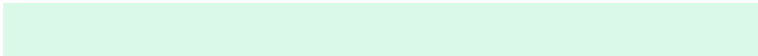
68.1510, 76.8589, 96.8784

# Complementary

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



79.5388, 76.8589, 90.0000



77.6576, 88.6398, 89.3644

# Split Complementary

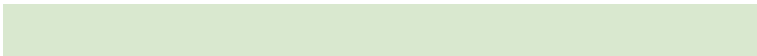
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



66.7102, 76.8589, 87.4316



79.5388, 76.8589, 90.0000



68.7557, 76.8589, 70.1298

# Square

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



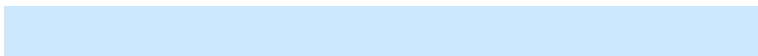
79.5388, 76.8589, 90.0000



75.2246, 76.8589, 66.9001



66.9280, 76.8589, 77.6750



70.9218, 76.8589, 103.0688



# Rectangle

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



79.5388, 76.8589, 90.0000



78.9016, 76.8589, 74.2000



66.9280, 76.8589, 77.6750



67.4991, 76.8589, 93.9485

# Sweetspot

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



79.5410, 76.8623, 90.0016



91.1783, 93.3824, 104.1385



75.7121, 74.6621, 100.0445



19.3645, 19.7296, 22.1017



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

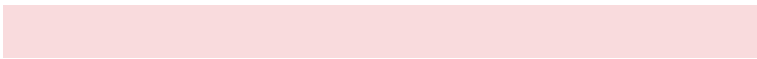
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.5410, 76.8623, 90.0016



82.3080, 78.3430, 92.8544



77.4523, 76.0268, 79.0029



17.6566, 17.3900, 20.0476



23.5615, 11.8403, 14.9310



2.2354, 1.1179, 1.6630



# Inverse Universe

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



79.5410, 76.8623, 90.0016



82.3080, 78.3430, 92.8544



79.8801, 89.5288, 101.0678



17.6566, 17.3900, 20.0476



23.5615, 11.8403, 14.9310

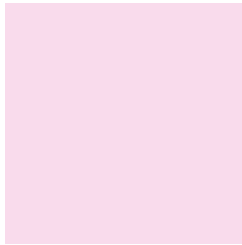


2.2354, 1.1179, 1.6630



# Previews

## White Background



This preview shows how the XYZ color 79.5388, 76.8589, 90.0000 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

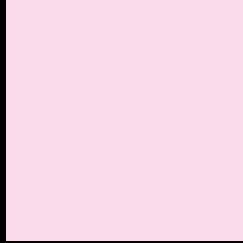
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 79.5388, 76.8589, 90.0000 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

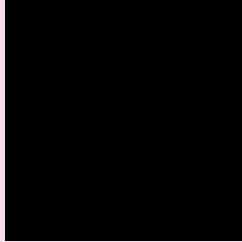
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 79.5388, 76.8589, 90.0000**

## **Background**



This preview shows how black text looks on a background with the XYZ color 79.5388, 76.8589, 90.0000.



This preview shows how white text looks on a background with the XYZ color 79.5388, 76.8589,

90.0000.

# 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

79.5388, 76.8589, 90.0000

### Protanopia

74.9194, 77.1780, 93.3862

### Deuteranopia

78.3897, 76.6550, 90.0212



## Tritanopia

79.5388, 76.8589, 90.0000

# Trichromacy



## Original Color

79.5388, 76.8589, 90.0000

## Protanomaly

76.5597, 76.8402, 92.4579

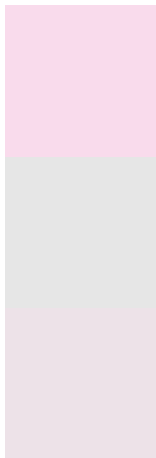
## Deuteranomaly

78.7396, 76.8354, 90.0376

## Tritanomaly

79.5388, 76.8589, 90.0000

# Monochromacy



## Original Color

79.5388, 76.8589, 90.0000

## Achromatopsia

75.2129, 79.1298, 86.1723

## Achromatomaly

76.6869, 78.2234, 87.4007

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 79.5388, 76.8589, 90.0000 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, 219, 236) looks like.

```
.text, #text, p{  
    color:rgb(249, 219, 236)  
}
```

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, 219, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 219, 236) }
```

## Border

The CSS property to change the border of an element to XYZ 79.5388, 76.8589, 90.0000 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, 219, 236) }
```



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

```
.border{ border-color:rgb(249, 219, 236) }
```

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

Here you see how a box with a 4 pixel rgb(249, 219, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 219, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 219, 236);  
box-shadow:4px 4px 4px 4px rgb(249, 219,  
236) }
```

# Background

The CSS property to change the background color of an element to XYZ 79.5388, 76.8589, 90.0000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 219, 236) }
```

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

```
.background{ background-color: rgb(249,  
219, 236) }
```

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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