

Converting Colors

XYZ(80.9977, 77.6252, 79.8692)

Have a look what the booklet for
XYZ(80.9977, 77.6252, 79.8692)
contains.

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Color

**XYZ(79.4962, 76.6767,
79.7174)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDADE
RGB	255, 218, 222
RGB Percent	100%, 85%, 87%
CMY	0.0000, 0.1451, 0.1294
CMYK	0.00, 0.15, 0.13, 0.00
HSL	354°, 100%, 93%
HSV	354°, 15%, 100%
XYZ	79.4962, 76.6767, 79.7174
YIQ	229.5190, 20.7680, 9.0880

Conversions

Conversions Part 2

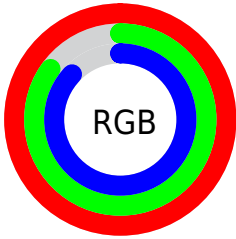
Format	Color
R _Y B	255, 218, 222
Decimal	16767710
CIE Lab	90.17, 13.45, 2.80
CIE LCh	90, 13.740, 11.751
Yxy	76.6767, 0.3370, 0.3251
Android (android.graphics.Color)	4294957790 (0xFFFFDADE)
YUV	229.5190, -3.7069, 22.3468
Hunter-Lab	87.5652, 8.8123, 7.3194

Details

The XYZ color **79.4962, 76.6767, 79.7174** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82.0885, 93.3917, 104.9704**, and the grayscale version is **74.8758, 78.7752, 85.7861**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.3609, 40.9902, 42.1857** is the 20% darker color. If you saturate the color by 10%, you get **70.5395, 63.3173, 62.6922**, and if you desaturate by 10%, it is **89.8851, 92.2416, 99.2511**.

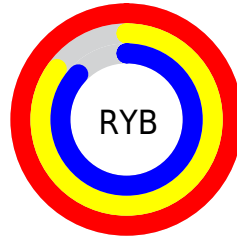
Distribution



Red (100%)

Green (85%)

Blue (87%)



Red (100%)

Yellow (85%)

Blue (87%)

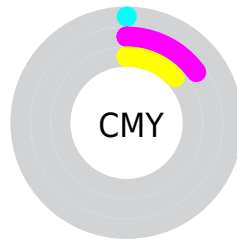


Cyan (0%)

Magenta (15%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.4962, 76.6767, 79.7174 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 79.4962, 76.6767, 79.7174 by changing the saturation by 10% instead.


 79.4962, 76.6767,
79.7174

 79.4962, 76.6767,
79.7174


481.9958,
483.6610, 513.6616

 59.6109, 56.9876,
58.9610

131.6114,
128.6830, 134.7761

 43.3534, 40.9953,
42.1619


164.5721,
161.7690, 169.9156

 30.3582, 28.3154,
28.9016


202.6219,
200.0893, 210.6865

 20.2600, 18.5635,
18.7615

246.1262,
244.0285, 257.5074

 12.6936, 11.3553,
11.3230

295.4504,
293.9709, 310.7968

 7.2934, 6.3064,
6.1676

350.9598,

 3.6942, 3.0323,

350.3008, 370.9733

2.8768

413.0199,
413.4027, 438.4553

■ 1.5306, 1.1486,
1.0321

■ 0.3465, 0.0191,
0.0000

■ 79.4962, 76.6767,
79.7174

■ 79.4962, 76.6767,
79.7174

■ 70.5395, 63.3173,
62.6922

■ 89.8851, 92.2416,
99.2511

■ 62.9468, 52.0544,
48.0690

95.0500, 100.0000,
108.9000

■ 56.6527, 42.7846,
35.7411

■ 51.5840, 35.3913,
25.5915

■ 47.6603, 29.7465,
17.4930

■ 44.7913, 25.7056,
11.3052

■ 42.8733, 23.1009,
6.8697

■ 41.7807, 21.7277,
4.0023

■ 41.4441, 21.3417,
3.0050

Harmonies

Analogous

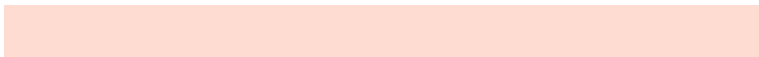
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.2923, 76.6767, 89.5141



79.4962, 76.6767, 79.7174



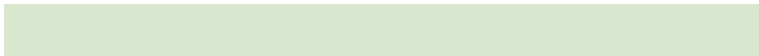
77.8865, 76.6767, 71.5848

Triad

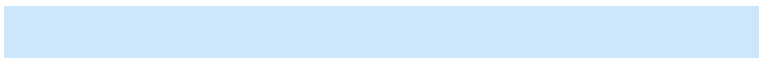
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.4962, 76.6767, 79.7174



68.5947, 76.6767, 70.2336



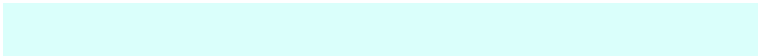
70.8427, 76.6767, 102.6445

Complementary

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



79.4962, 76.6767, 79.7174



82.0885, 93.3917, 104.9704

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.



68.0907, 76.6767, 96.6423



79.4962, 76.6767, 79.7174



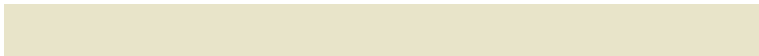
66.8210, 76.6767, 77.7384

Square

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



79.4962, 76.6767, 79.7174



71.5502, 76.6767, 66.4021



66.6394, 76.6767, 87.3754



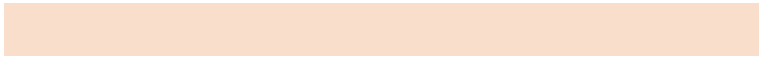
74.2240, 76.6767, 103.2787

Rectangle

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



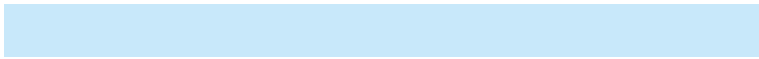
79.4962, 76.6767, 79.7174



76.0301, 76.6767, 67.9985



66.6394, 76.6767, 87.3754



69.8160, 76.6767, 101.1672

Sweetspot

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



79.4980, 76.6799, 79.7190



90.4514, 93.0916, 100.3108



82.7929, 77.8165, 105.2642



19.1809, 19.6562, 21.1349



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

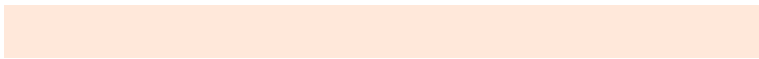
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.4980, 76.6799, 79.7190



77.1337, 73.1472, 75.2444



82.8050, 84.1409, 78.2103



18.0891, 18.0190, 19.0864



21.6810, 11.1617, 1.7045



2.1359, 1.0967, 0.2968

Inverse Universe

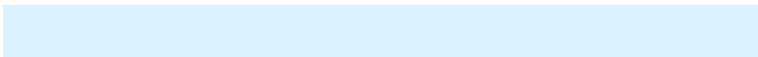
The Inverse Universe completely reimagines the original color for something new.



79.4980, 76.6799, 79.7190



77.1337, 73.1472, 75.2444



78.3670, 84.9298, 106.8705



18.0891, 18.0190, 19.0864



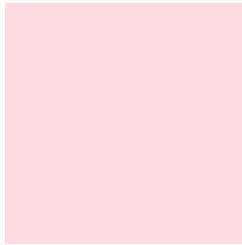
21.6810, 11.1617, 1.7045



2.1359, 1.0967, 0.2968

Previews

White Background



This preview shows how the XYZ color 79.4962, 76.6767, 79.7174 looks on a white background.

Color Contrast Check

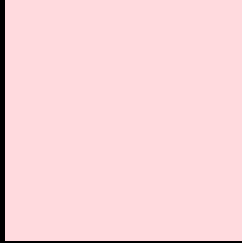
Large Text (above 18pt) WCAG AA × Fail

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 79.4962, 76.6767, 79.7174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

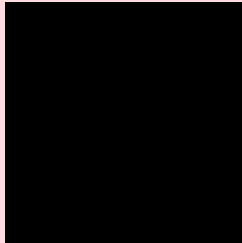
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.4962, 76.6767, 79.7174

Background



This preview shows how black text looks on a background with the XYZ color 79.4962, 76.6767, 79.7174.



This preview shows how white text looks on a background with the XYZ color 79.4962, 76.6767,

79.7174.

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

79.4962, 76.6767, 79.7174

Protanopia

74.0165, 76.9277, 83.6205

Deuteranopia

78.5617, 76.9696, 79.8232



Tritanopia

80.7608, 76.7689, 87.6521

Trichromacy



Original Color

79.4962, 76.6767, 79.7174

Protanomaly

75.9135, 76.7369, 82.0448

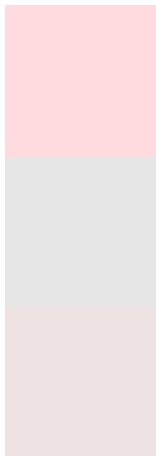
Deuteranomaly

78.6612, 76.6324, 79.7529

Tritanomaly

80.1957, 76.5429, 84.6762

Monochromacy



Original Color

79.4962, 76.6767, 79.7174

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

76.6581, 78.2895, 83.7441

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.4962, 76.6767, 79.7174 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(255, 218, 222) looks like.

```
.text, #text, p{  
    color:rgb(255, 218, 222)  
}
```

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(255, 218, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 218, 222) }
```

Border

The CSS property to change the border of an element to XYZ 79.4962, 76.6767, 79.7174 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(255, 218, 222) }
```


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

```
.border{ border-color:rgb(255, 218, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 218, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 218, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 218, 222);  
box-shadow:4px 4px 4px 4px rgb(255, 218,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 79.4962, 76.6767, 79.7174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 218, 222) }
```

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

```
.background{ background-color: rgb(255,  
218, 222) }
```

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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