

Converting Colors

XYZ(79.8191, 77.3474, 79.7483)

Have a look what the booklet for
XYZ(79.8191, 77.3474, 79.7483)
contains.

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Color

**XYZ(79.7563, 77.1970,
79.8041)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDBDE
RGB	255, 219, 222
RGB Percent	100%, 86%, 87%
CMY	0.0000, 0.1412, 0.1294
CMYK	0.00, 0.14, 0.13, 0.00
HSL	355°, 100%, 93%
HSV	355°, 14%, 100%
XYZ	79.7563, 77.1970, 79.8041
YIQ	230.1060, 20.4930, 8.5650

Conversions

Conversions Part 2

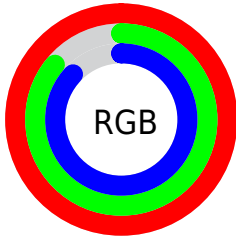
Format	Color
R _Y B	255, 219, 222
Decimal	16767966
CIE Lab	90.41, 12.93, 3.15
CIE LCh	90, 13.309, 13.673
Yxy	77.1970, 0.3369, 0.3261
Android (android.graphics.Color)	4294958046 (0xFFFFDBDE)
YUV	230.1060, -3.9963, 21.8320
Hunter-Lab	87.8618, 8.2746, 7.6507

Details

The XYZ color **79.7563, 77.1970, 79.8041** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82.5467, 93.6096, 105.8172**, and the grayscale version is **75.3119, 79.2340, 86.2858**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.5392, 41.3467, 42.2452** is the 20% darker color. If you saturate the color by 10%, you get **70.6872, 63.7302, 62.3794**, and if you desaturate by 10%, it is **90.2827, 92.8822, 99.8599**.

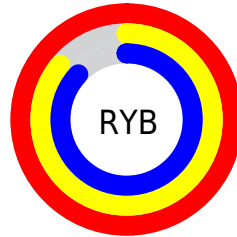
Distribution



Red (100%)

Green (86%)

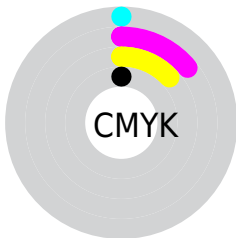
Blue (87%)



Red (100%)

Yellow (86%)

Blue (87%)

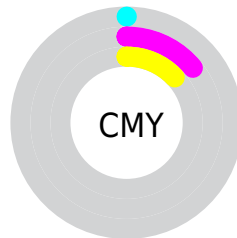


Cyan (0%)

Magenta (14%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (14%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.7563, 77.1970, 79.8041 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 79.7563, 77.1970, 79.8041 by changing the saturation by 10% instead.


 79.7563, 77.1970,
79.8041

 79.7563, 77.1970,
79.8041


482.8602,
485.4354, 513.9617

 59.8256, 57.4146,
59.0319


131.9754,
129.4175, 134.8992

 43.5270, 41.3382,
42.2187


164.9945,
162.6244, 170.0592

 30.4951, 28.5834,
28.9457


203.1071,
201.0749, 210.8522

 20.3647, 18.7659,
18.7945

246.6785,
245.1534, 257.6968

 12.7702, 11.5013,
11.3466

296.0742,
295.2444, 311.0115

 7.3464, 6.4051,
6.1834

351.6595,

 3.7279, 3.0929,

351.7321, 371.2149

2.8863

413.7997,
415.0010, 438.7255

■ 1.5494, 1.1804,
1.0369

■ 0.3591, 0.0456,
0.0000

■ 79.7563, 77.1970,
79.8041

■ 79.7563, 77.1970,
79.8041

■ 70.6872, 63.7302,
62.3794

■ 90.2827, 92.8822,
99.8599

■ 63.0058, 52.3724,
47.4721

95.0500, 100.0000,
108.9000

■ 56.6451, 43.0196,
34.9670

■ 51.5306, 35.5555,
24.7383

■ 47.5800, 29.8512,
16.6488

■ 44.7014, 25.7623,
10.5462

■ 42.7888, 23.1211,
6.2582

■ 41.7140, 21.7230,
3.5828

■ 41.3774, 21.3150,
2.6536

Harmonies

Analogous

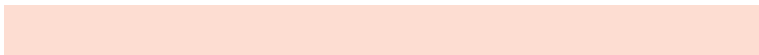
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.6754, 77.1970, 89.3024



79.7563, 77.1970, 79.8041



78.0909, 77.1970, 72.0448

Triad

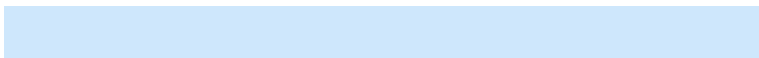
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.7563, 77.1970, 79.8041



69.0506, 77.1970, 71.5056



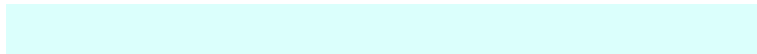
71.5925, 77.1970, 102.8598

Complementary

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



79.7563, 77.1970, 79.8041



82.5467, 93.6096, 105.8172

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.



68.8499, 77.1970, 97.3296



79.7563, 77.1970, 79.8041



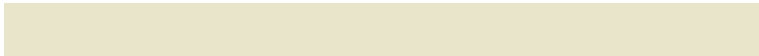
67.4129, 77.1970, 79.0162

Square

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



79.7563, 77.1970, 79.8041



71.8739, 77.1970, 67.5036



67.3405, 77.1970, 88.4530



74.8936, 77.1970, 103.1109

Rectangle

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



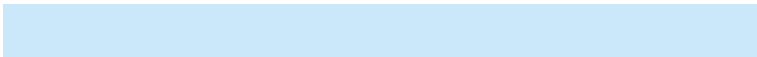
79.7563, 77.1970, 79.8041



76.2427, 77.1970, 68.7020



67.3405, 77.1970, 88.4530



70.5770, 77.1970, 101.5388

Sweetspot

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



79.7582, 77.2003, 79.8057



90.4126, 93.0761, 100.1067



83.5282, 78.5818, 105.3731



19.1712, 19.6523, 21.0835



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

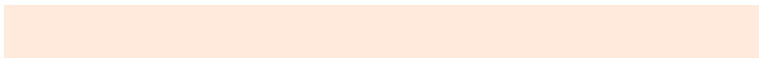
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.7582, 77.2003, 79.8057



76.9949, 73.0917, 74.5136



83.4509, 85.2225, 79.0734



18.0707, 18.0116, 18.9896



21.6417, 11.1460, 1.4976



2.1272, 1.0933, 0.2512

Inverse Universe

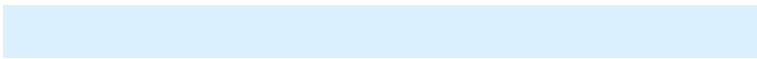
The Inverse Universe completely reimagines the original color for something new.



79.7582, 77.2003, 79.8057



76.9949, 73.0917, 74.5136



78.4261, 84.6027, 106.8042



18.0707, 18.0116, 18.9896



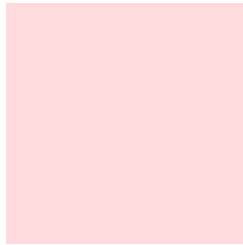
21.6417, 11.1460, 1.4976



2.1272, 1.0933, 0.2512

Previews

White Background



This preview shows how the XYZ color 79.7563, 77.1970, 79.8041 looks on a white background.

Color Contrast Check

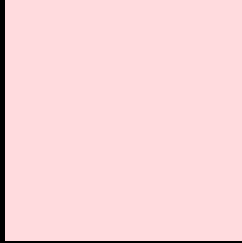
Large Text (above 18pt) WCAG AA × Fail

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 79.7563, 77.1970, 79.8041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

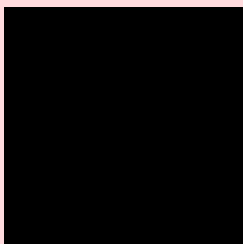
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.7563, 77.1970, 79.8041

Background



This preview shows how black text looks on a background with the XYZ color 79.7563, 77.1970, 79.8041.

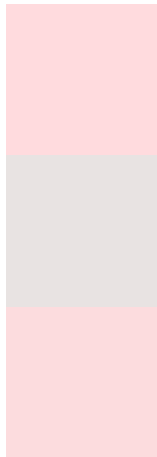


This preview shows how white text looks on a background with the XYZ color 79.7563, 77.1970,

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

79.7563, 77.1970, 79.8041

Protanopia

74.4753, 77.5850, 83.0016

Deuteranopia

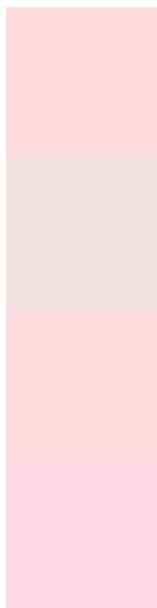
78.9229, 77.1558, 79.8401



Tritanopia

81.1627, 77.3433, 88.4929

Trichromacy



Original Color

79.7563, 77.1970, 79.8041

Protanomaly

76.1814, 77.2728, 82.1341

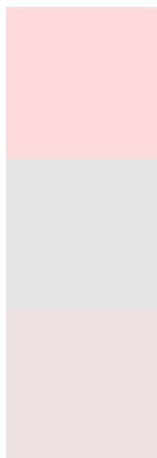
Deuteranomaly

79.2860, 77.3430, 79.8571

Tritanomaly

80.5943, 77.1160, 85.5000

Monochromacy



Original Color

79.7563, 77.1970, 79.8041

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 79.7563, 77.1970, 79.8041 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, 219, 222) looks like.

```
.text, #text, p{  
    color:rgb(255, 219, 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, 219, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 222) }
```

Border

The CSS property to change the border of an element to XYZ 79.7563, 77.1970, 79.8041 is called "border". The border property can be set on classes, ids or directly on the HTML element.

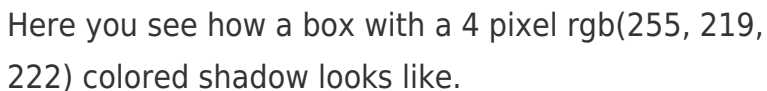
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 219, 222) }
```


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

```
.border{ border-color:rgb(255, 219, 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, 219, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 219, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 219, 222); box-shadow:4px 4px 4px 4px rgb(255, 219, 222) }
```

Background

The CSS property to change the background color of an element to XYZ 79.7563, 77.1970, 79.8041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 219, 222) }
```

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

```
.background{ background-color: rgb(255,  
219, 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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