

Converting Colors

XYZ(79.2120, 79.4801, 72.9031)

Have a look what the booklet for
XYZ(79.2120, 79.4801, 72.9031)
contains.

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Color

**XYZ(79.1911, 79.4362,
72.7869)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | FDE1D3 |
| RGB | 253, 225, 211 |
| RGB Percent | 99%, 88%, 83% |
| CMY | 0.0078, 0.1176, 0.1725 |
| CMYK | 0.00, 0.11, 0.17, 0.01 |
| HSL | 20°, 91%, 91% |
| HSV | 20°, 17%, 99% |
| XYZ | 79.1911, 79.4362, 72.7869 |
| YIQ | 231.7760, 21.1820, 1.5820 |

Conversions

Conversions Part 2

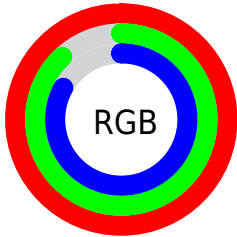
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 253, 232, 211 |
| Decimal | 16638419 |
| CIE Lab | 91.43, 7.42, 10.35 |
| CIE LCh | 91, 12.738, 54.356 |
| Yxy | 79.4362, 0.3422, 0.3433 |
| Android (android.graphics.Color) | 4294828499 (0xFFFDE1D3) |
| YUV | 231.7760, -10.2426, 18.6134 |
| Hunter-Lab | 89.1270, 2.6286, 13.9688 |

Details

The XYZ color **79.1911, 79.4362, 72.7869** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.4597, 82.6719, 104.9093**, and the grayscale version is **76.5991, 80.5882, 87.7606**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.1404, 42.8855, 37.4565** is the 20% darker color. If you saturate the color by 10%, you get **71.9301, 69.5964, 55.9305**, and if you desaturate by 10%, it is **87.4060, 90.3834, 92.4259**.

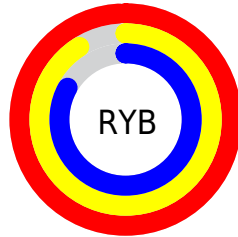
Distribution



Red (99%)

Green (88%)

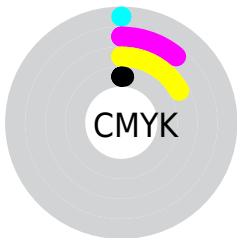
Blue (83%)



Red (99%)

Yellow (91%)

Blue (83%)

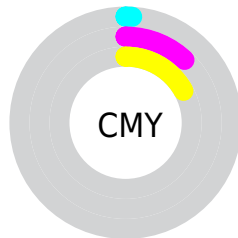


Cyan (0%)

Magenta (11%)

Yellow (17%)

Black (1%)



Cyan (1%)


Magenta (12%)


Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.1911, 79.4362, 72.7869 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 79.1911, 79.4362, 72.7869 by changing the saturation by 10% instead.


 79.1911, 79.4362,
72.7869

 79.1911, 79.4362,
72.7869


480.9807,
493.0308, 489.3269

 59.3591, 59.2545,
53.3110


131.1844,
132.5728, 124.8928

 43.1498, 42.8180,
37.6617


164.0764,
166.2964, 158.3598

 30.1977, 29.7424,
25.4204


202.0524,
205.3029, 197.3275

 20.1375, 19.6431,
16.1687

245.4778,
249.9765, 242.2146

 12.6039, 12.1359,
9.4879

294.7180,
300.7017, 293.4395

 7.2315, 6.8363,
4.9597

350.1384,

 3.6549, 3.3599,

357.8629, 351.4209

2.1653

412.1041,
421.8445, 416.5771

■ 1.5088, 1.3224,
0.6542

■ 0.3318, 0.1585,
0.0000

■ 79.1911, 79.4362,
72.7869

■ 79.1911, 79.4362,
72.7869

■ 71.9301, 69.5964,
55.9305

■ 87.4060, 90.3834,
92.4259

■ 65.5802, 60.8181,
41.7248

94.3183, 99.6228,
108.8658

■ 60.1049, 53.0674,
30.0343

■ 55.4623, 46.3049,
20.7098

■ 51.6070, 40.4882,
13.5858

■ 48.4884, 35.5716,
8.4755

■ 46.0490, 31.5045,
5.1598

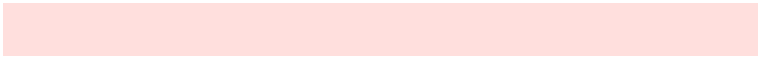
■ 44.2196, 28.2300,
3.3653

■ 43.7068, 27.2798,
2.9619

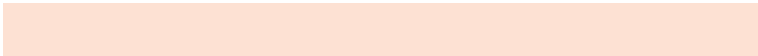
Harmonies

Analogous

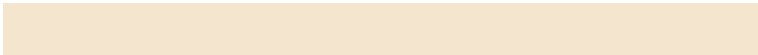
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.3212, 79.4362, 79.3404



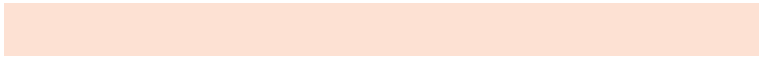
79.1911, 79.4362, 72.7869



76.1162, 79.4362, 69.9226

Triad

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



79.1911, 79.4362, 72.7869



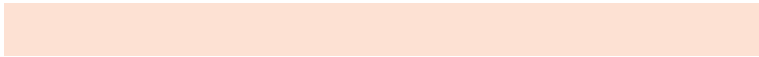
69.4695, 79.4362, 84.7494



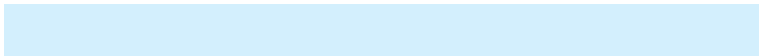
78.1005, 79.4362, 103.7880

Complementary

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



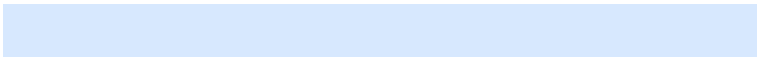
79.1911, 79.4362, 72.7869



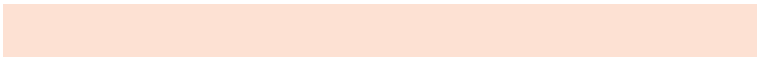
75.4597, 82.6719, 104.9093

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.



74.8906, 79.4362, 105.4929



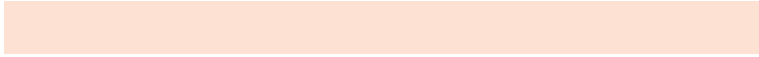
79.1911, 79.4362, 72.7869



69.9667, 79.4362, 94.0621

Square

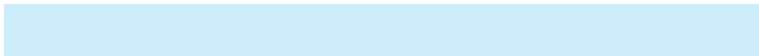
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.1911, 79.4362, 72.7869



70.5508, 79.4362, 76.5052



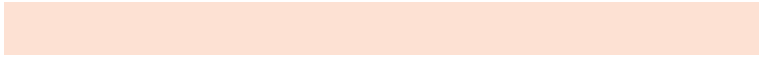
71.9288, 79.4362, 101.8189



80.6791, 79.4362, 97.3133

Rectangle

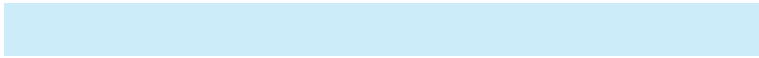
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.1911, 79.4362, 72.7869



73.9674, 79.4362, 70.3319



71.9288, 79.4362, 101.8189



77.0571, 79.4362, 104.9565

Sweetspot

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



79.1933, 79.4398, 72.7886



90.4131, 93.9028, 97.5612



79.3832, 73.7042, 91.7046



19.2170, 19.9207, 20.5538



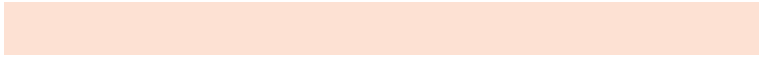
0.0000, 0.0000, 0.0000



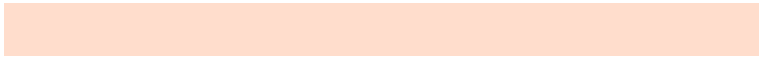
20.3446, 21.4041, 23.3091

Same Dimension

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



79.1933, 79.4398, 72.7886



77.9970, 77.3356, 67.9431



85.2225, 91.4982, 74.7983



18.5042, 18.9766, 18.8319



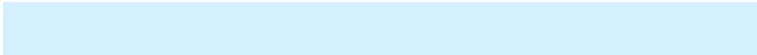
23.3693, 14.7499, 1.6153



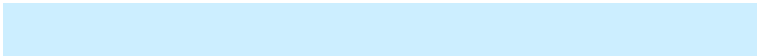
2.3710, 1.6275, 0.1892

Inverse Universe

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



75.4597, 82.6719, 104.9093



73.5247, 81.2031, 106.4063



69.6660, 71.0846, 102.9781



18.0147, 19.4010, 23.0452



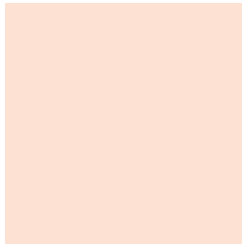
17.0828, 19.0753, 52.2161



1.7639, 2.0584, 5.1176

Previews

White Background



This preview shows how the XYZ color 79.1911, 79.4362, 72.7869 looks on a white background.

Color Contrast Check

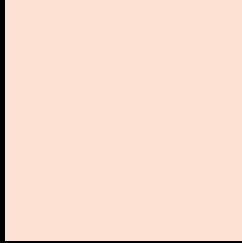
Large Text (above 18pt) WCAG AA × Fail

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 79.1911, 79.4362, 72.7869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

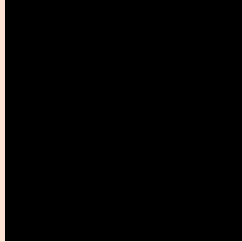
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.1911, 79.4362, 72.7869

Background



This preview shows how black text looks on a background with the XYZ color 79.1911, 79.4362, 72.7869.



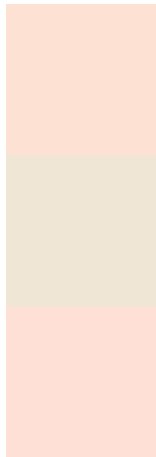
This preview shows how white text looks on a background with the XYZ color 79.1911, 79.4362,

72.7869.

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

79.1911, 79.4362, 72.7869

Protanopia

76.0310, 79.7994, 75.0139

Deuteranopia

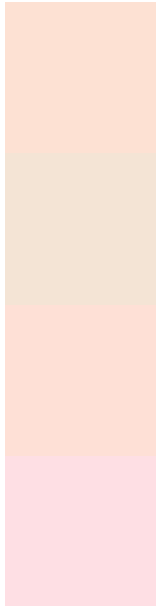
80.1614, 79.4776, 75.4057



Tritanopia

82.7939, 79.6756, 91.9041

Trichromacy



Original Color

79.1911, 79.4362, 72.7869

Protanomaly

77.0619, 79.5240, 74.2389

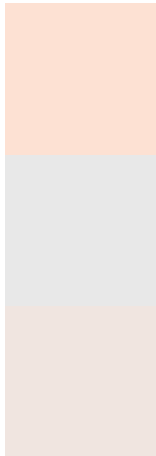
Deuteranomaly

79.6663, 79.2372, 74.7138

Tritanomaly

81.2643, 79.4476, 84.4506

Monochromacy



Original Color

79.1911, 79.4362, 72.7869

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

77.4090, 79.9457, 81.8722

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.1911, 79.4362, 72.7869 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(253, 225, 211)` looks like.

```
.text, #text, p{  
    color:rgb(253, 225, 211)  
}
```

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(253, 225, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 225, 211) }
```

Border

The CSS property to change the border of an element to XYZ 79.1911, 79.4362, 72.7869 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(253, 225, 211) }
```


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

```
.border{ border-color:rgb(253, 225, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 225, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 225, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 225, 211);  
box-shadow:4px 4px 4px 4px rgb(253, 225,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 79.1911, 79.4362, 72.7869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 225, 211) }
```

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

```
.background{ background-color: rgb(253,  
225, 211) }
```

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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