

Converting Colors

XYZ(81.4329, 81.2024, 79.6025)

Have a look what the booklet for
XYZ(81.4329, 81.2024, 79.6025)
contains.

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Color

**XYZ(81.3933, 81.2295,
79.7956)**

Conversions

Conversions Part 1

Format	Color
Hex	FEE3DD
RGB	254, 227, 221
RGB Percent	100%, 89%, 87%
CMY	0.0039, 0.1098, 0.1333
CMYK	0.00, 0.11, 0.13, 0.00
HSL	11°, 94%, 93%
HSV	11°, 13%, 100%
XYZ	81.3933, 81.2295, 79.7956
YIQ	234.3890, 18.0180, 3.8580

Conversions

Conversions Part 2

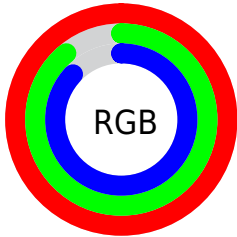
Format	Color
RYB	254, 228, 221
Decimal	16704477
CIELab	92.23, 8.29, 6.29
CIELCh	92, 10.404, 37.217
Yxy	81.2295, 0.3358, 0.3351
Android (android.graphics.Color)	4294894557 (0xFFFE3DD)
YUV	234.3890, -6.6008, 17.1988
Hunter-Lab	90.1274, 3.4789, 10.5959

Details

The XYZ color **81.3933, 81.2295, 79.7956** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.2751, 89.6608, 106.7893**, and the grayscale version is **78.5423, 82.6326, 89.9869**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.6614, 44.1285, 42.2401** is the 20% darker color. If you saturate the color by 10%, you get **72.9181, 69.2908, 61.5184**, and if you desaturate by 10%, it is **91.0709, 94.7519, 101.0014**.

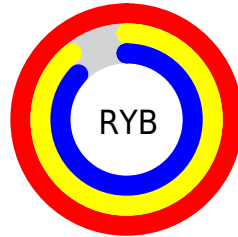
Distribution



Red (100%)

Green (89%)

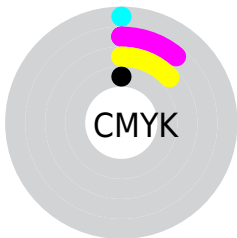
Blue (87%)



Red (100%)

Yellow (89%)

Blue (87%)

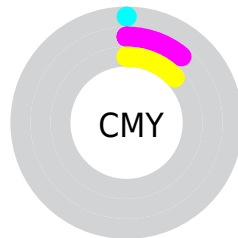


Cyan (0%)

Magenta (11%)

Yellow (13%)

Black (0%)



Cyan (0%)

Magenta (11%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.3933, 81.2295, 79.7956 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 81.3933, 81.2295, 79.7956 by changing the saturation by 10% instead.


 81.3933, 81.2295,
79.7956

 81.3933, 81.2295,
79.7956

488.2814,
499.0667, 513.9323

 61.1780, 60.7306,
59.0250


134.2631,
135.0930, 134.8871

 44.6219, 44.0078,
42.2131


167.6484,
169.2264, 170.0451

 31.3597, 30.6767,
28.9414


206.1543,
208.6734, 210.8360

 21.0261, 20.3528,
18.7913

250.1462,
253.8184, 257.6783

 13.2556, 12.6517,
11.3443

299.9895,
305.0459, 310.9905

 7.6830, 7.1892,
6.1818

356.0496,

 3.9429, 3.5807,

362.7402, 371.1912

2.8854

418.6917,
427.2856, 438.6990

■ 1.6699, 1.4419,
1.0364

■ 0.4373, 0.2473,
0.0000

■ 81.3933, 81.2295,
79.7956

■ 81.3933, 81.2295,
79.7956

■ 72.9181, 69.2908,
61.5184

■ 91.0709, 94.7519,
101.0014

■ 65.5913, 58.8672,
46.0357

94.6834, 99.8110,
108.8828

■ 59.3648, 49.9010,
33.2108

■ 54.1844, 42.3267,
22.8934

■ 49.9910, 36.0736,
14.9180

■ 46.7197, 31.0647,
9.0992

■ 44.2972, 27.2150,
5.2232

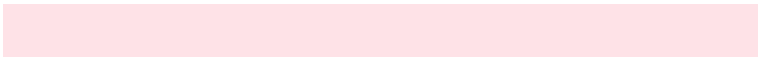
■ 42.6380, 24.4280,
3.0316

■ 41.8589, 23.0421,
2.2414

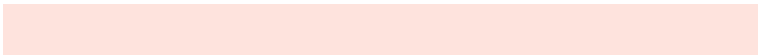
Harmonies

Analogous

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



82.4451, 81.2295, 86.5995



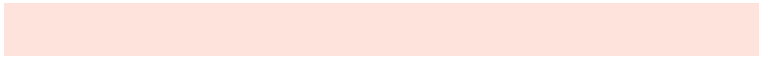
81.3933, 81.2295, 79.7956



79.2238, 81.2295, 75.4946

Triad

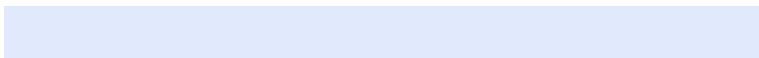
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.3933, 81.2295, 79.7956



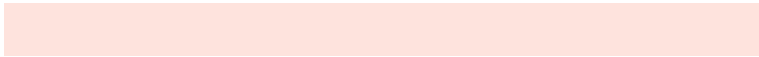
72.5409, 81.2295, 82.8392



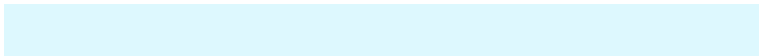
77.8570, 81.2295, 103.9485

Complementary

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



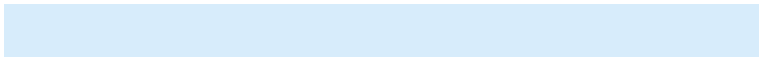
81.3933, 81.2295, 79.7956



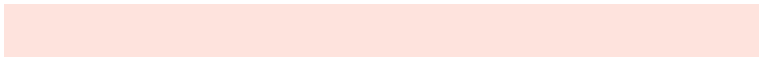
81.2751, 89.6608, 106.7893

Split Complementary

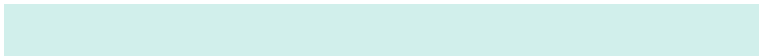
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.2231, 81.2295, 102.7979



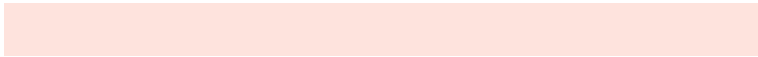
81.3933, 81.2295, 79.7956



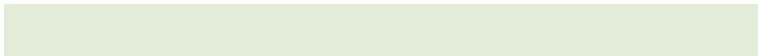
72.1941, 81.2295, 90.3167

Square

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



81.3933, 81.2295, 79.7956



74.1238, 81.2295, 77.1794



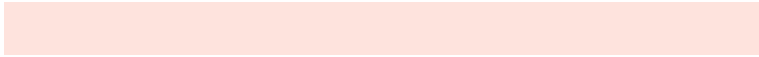
73.1652, 81.2295, 97.6981



80.3729, 81.2295, 100.7570

Rectangle

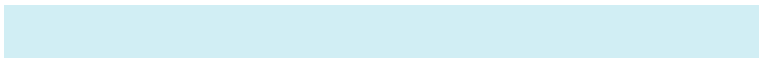
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



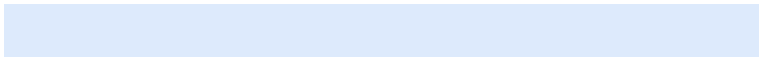
81.3933, 81.2295, 79.7956



77.4573, 81.2295, 74.4763



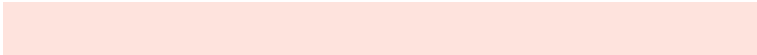
73.1652, 81.2295, 97.6981



76.9557, 81.2295, 104.0597

Sweetspot

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



81.3955, 81.2331, 79.7973



90.8466, 94.1517, 99.6112



83.7514, 79.5932, 100.1639



19.2805, 19.9232, 20.9588



0.0000, 0.0000, 0.0000



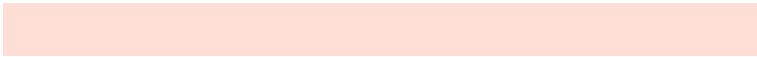
20.3446, 21.4041, 23.3091

Same Dimension

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



81.3955, 81.2331, 79.7973



79.4247, 78.1683, 74.6542



85.9757, 90.3935, 81.3240



18.2766, 18.5215, 18.7560



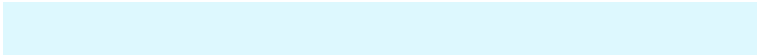
22.1439, 12.2991, 1.2069



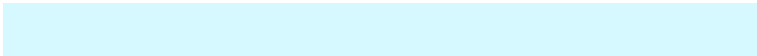
2.2248, 1.3350, 0.1404

Inverse Universe

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



81.2751, 89.6608, 106.7893



79.2772, 88.4207, 107.4963



76.5659, 80.2423, 105.2196



18.2573, 19.8861, 23.1261



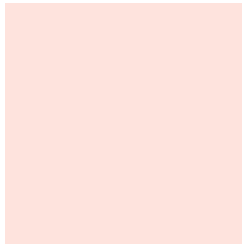
21.3957, 27.7010, 53.6537



2.1530, 2.8367, 5.2473

Previews

White Background



This preview shows how the XYZ color 81.3933, 81.2295, 79.7956 looks on a white background.

Color Contrast Check

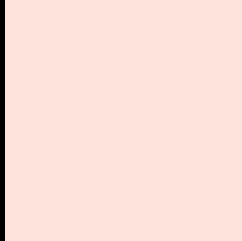
Large Text (above 18pt) WCAG AA × Fail

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 81.3933, 81.2295, 79.7956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

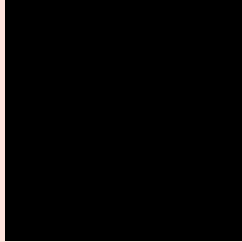
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

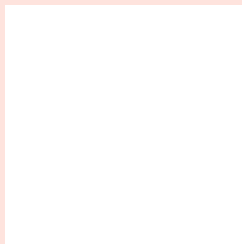
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.3933, 81.2295, 79.7956

Background



This preview shows how black text looks on a background with the XYZ color 81.3933, 81.2295, 79.7956.



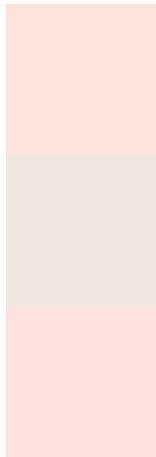
This preview shows how white text looks on a background with the XYZ color 81.3933, 81.2295,

79.7956.

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

81.3933, 81.2295, 79.7956

Protanopia

77.9078, 81.4458, 82.1354

Deuteranopia

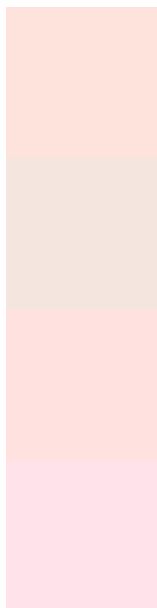
81.8909, 81.0345, 81.8461



Tritanopia

84.0424, 81.4613, 94.5132

Trichromacy



Original Color

81.3933, 81.2295, 79.7956

Protanomaly

78.9243, 81.1544, 81.3167

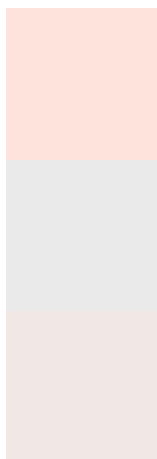
Deuteranomaly

81.7556, 80.9804, 81.1338

Tritanomaly

83.2876, 81.5932, 89.2012

Monochromacy



Original Color

81.3933, 81.2295, 79.7956

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

78.9944, 81.5097, 85.6982

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.3933, 81.2295, 79.7956 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(254, 227, 221)` looks like.

```
.text, #text, p{  
    color:rgb(254, 227, 221)  
}
```

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(254, 227, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 227, 221) }
```

Border

The CSS property to change the border of an element to XYZ 81.3933, 81.2295, 79.7956 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(254, 227, 221) }
```


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

```
.border{ border-color:rgb(254, 227, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 227, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 227, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 227, 221);  
box-shadow:4px 4px 4px 4px rgb(254, 227,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 81.3933, 81.2295, 79.7956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 227, 221) }
```

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

```
.background{ background-color: rgb(254,  
227, 221) }
```

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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