

Converting Colors

XYZ(79.4125, 79.6012, 78.3961)

Have a look what the booklet for
XYZ(79.4125, 79.6012, 78.3961)
contains.

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Color

**XYZ(79.1357, 79.2889,
78.1512)**

Conversions

Conversions Part 1

Format	Color
Hex	FAE1DB
RGB	250, 225, 219
RGB Percent	98%, 88%, 86%
CMY	0.0196, 0.1176, 0.1412
CMYK	0.00, 0.10, 0.12, 0.02
HSL	12°, 76%, 92%
HSV	12°, 12%, 98%
XYZ	79.1357, 79.2889, 78.1512
YIQ	231.7910, 16.8260, 3.4340

Conversions

Conversions Part 2

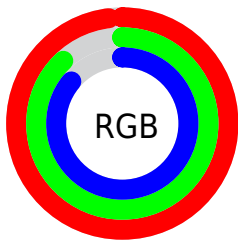
Format	Color
R _Y B	250, 226, 219
Decimal	16441819
CIE Lab	91.36, 7.60, 6.04
CIE LCh	91, 9.709, 38.487
Yxy	79.2889, 0.3345, 0.3352
Android (android.graphics.Color)	4294631899 (0xFFFAE1DB)
YUV	231.7910, -6.3060, 15.9693
Hunter-Lab	89.0443, 2.8094, 10.2942

Details

The XYZ color **79.1357, 79.2889, 78.1512** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.8189, 86.6617, 103.0163**, and the grayscale version is **76.5841, 80.5725, 87.7434**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.0679, 42.7672, 41.1069** is the 20% darker color. If you saturate the color by 10%, you get **70.9575, 67.8094, 60.3885**, and if you desaturate by 10%, it is **88.4560, 92.2598, 98.7351**.

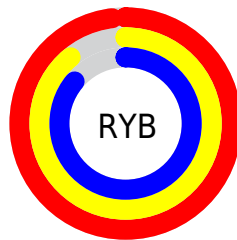
Distribution



Red (98%)

Green (88%)

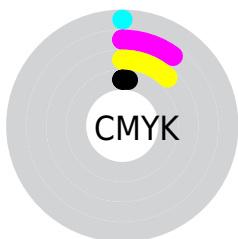
Blue (86%)



Red (98%)

Yellow (89%)

Blue (86%)

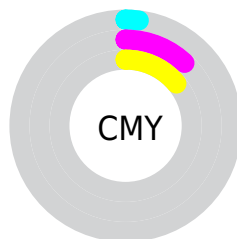


Cyan (0%)

Magenta (10%)

Yellow (12%)

Black (2%)



Cyan (2%)


Magenta (12%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.1357, 79.2889, 78.1512 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 79.1357, 79.2889, 78.1512 by changing the saturation by 10% instead.


 79.1357, 79.2889,
78.1512

 79.1357, 79.2889,
78.1512


480.7963,
492.5331, 508.2217

 59.3134, 59.1334,
57.6810


131.1068,
132.3655, 132.5511

 43.1128, 42.7205,
41.1392

163.9863,
166.0554, 167.3178

 30.1685, 29.6659,
28.1074


201.9489,
205.0254, 207.6871

 20.1153, 19.5851,
18.1669

245.3601,
249.6601, 254.0776

 12.5876, 12.0938,
10.8992

294.5850,
300.3439, 306.9078

 7.2202, 6.8076,
5.8858

349.9891,

 3.6478, 3.3421,

357.4610, 366.5961

2.7081

411.9378,
421.3960, 433.5613

■ 1.5049, 1.3128,
0.9475

■ 0.3291, 0.1511,
0.0000

■ 79.1357, 79.2889,
78.1512

■ 79.1357, 79.2889,
78.1512

■ 70.9575, 67.8094,
60.3885

■ 88.4560, 92.2598,
98.7351

■ 63.8706, 57.7575,
45.3188

■ 93.2346, 99.0641,
108.8150

■ 57.8299, 49.0800,
32.8115

■ 52.7847, 41.7166,
22.7232

■ 48.6801, 35.6023,
14.8962

■ 45.4552, 30.6666,
9.1539

■ 43.0421, 26.8316,
5.2934

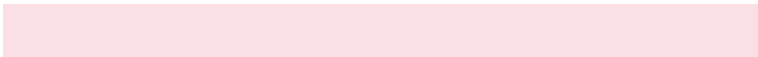
■ 41.3612, 24.0093,
3.0704

■ 40.4990, 22.4729,
2.2032

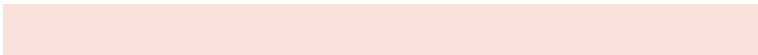
Harmonies

Analogous

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



80.1509, 79.2889, 84.3428



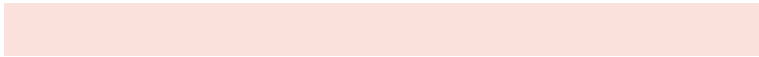
79.1357, 79.2889, 78.1512



77.1145, 79.2889, 74.3011

Triad

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



79.1357, 79.2889, 78.1512



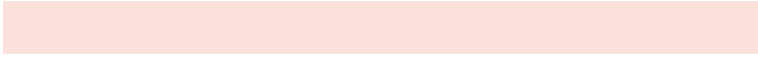
71.0346, 79.2889, 81.4460



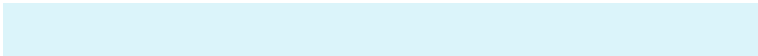
76.0639, 79.2889, 100.4764

Complementary

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



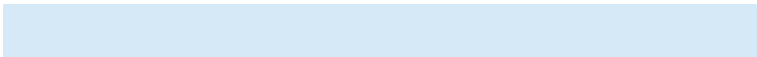
79.1357, 79.2889, 78.1512



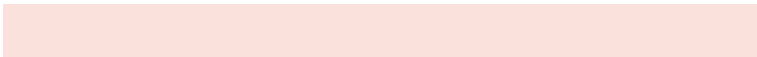
78.8189, 86.6617, 103.0163

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.



73.6357, 79.2889, 99.5965



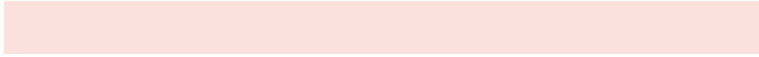
79.1357, 79.2889, 78.1512



70.7672, 79.2889, 88.3525

Square

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



79.1357, 79.2889, 78.1512



72.4482, 79.2889, 76.1298



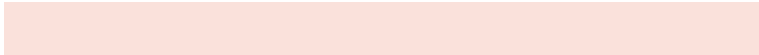
71.7097, 79.2889, 95.0649



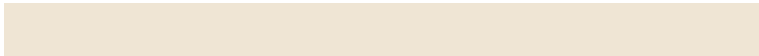
78.3523, 79.2889, 97.4075

Rectangle

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



79.1357, 79.2889, 78.1512



75.4870, 79.2889, 73.4524



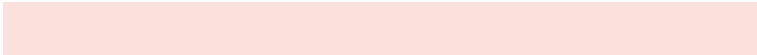
71.7097, 79.2889, 95.0649



75.2366, 79.2889, 100.6358

Sweetspot

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



79.1379, 79.2924, 78.1529



90.8831, 94.2248, 99.6234



81.1340, 77.5390, 96.5313



19.2897, 19.9417, 20.9618



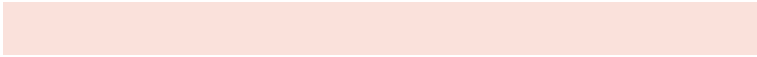
0.0000, 0.0000, 0.0000



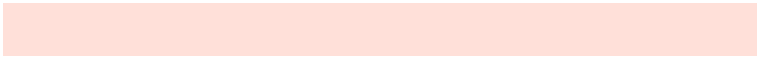
20.3446, 21.4041, 23.3091

Same Dimension

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



79.1379, 79.2924, 78.1529



80.4303, 79.6535, 76.6108



83.4254, 87.8675, 79.5821



17.5167, 17.7693, 17.9690



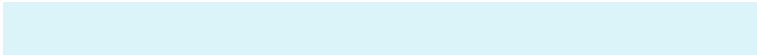
21.5596, 12.0758, 1.1946



2.0665, 1.2579, 0.1339

Inverse Universe

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



78.8189, 86.6617, 103.0163



80.0328, 88.8170, 107.5330



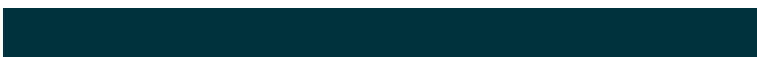
74.4383, 77.9005, 101.5561



17.4634, 19.0036, 22.1329



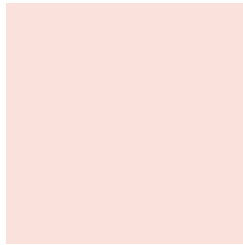
20.4052, 26.1661, 51.9486



1.9605, 2.5647, 4.8349

Previews

White Background



This preview shows how the XYZ color 79.1357, 79.2889, 78.1512 looks on a white background.

Color Contrast Check

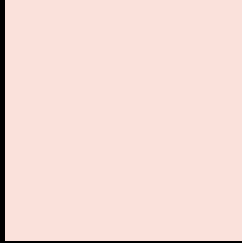
Large Text (above 18pt) WCAG AA × Fail

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 79.1357, 79.2889, 78.1512 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

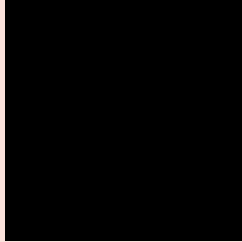
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

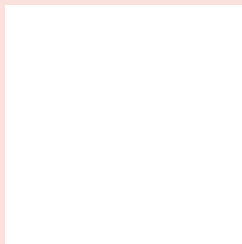
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.1357, 79.2889, 78.1512

Background



This preview shows how black text looks on a background with the XYZ color 79.1357, 79.2889, 78.1512.

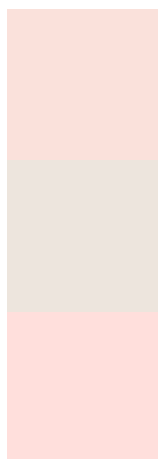


This preview shows how white text looks on a background with the XYZ color 79.1357, 79.2889,

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

79.1357, 79.2889, 78.1512

Protanopia

75.9955, 79.2636, 79.7006

Deuteranopia

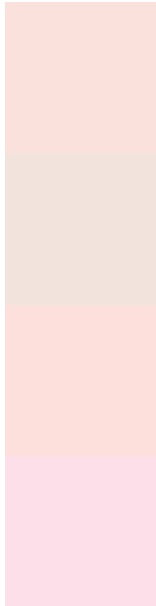
80.5459, 79.2027, 78.7526



Tritanopia

82.2093, 79.3572, 92.6459

Trichromacy



Original Color

79.1357, 79.2889, 78.1512

Protanomaly

77.2796, 79.5314, 78.9882

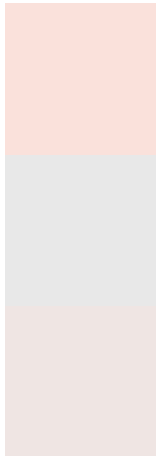
Deuteranomaly

80.0819, 79.3613, 78.8076

Tritanomaly

81.0980, 79.2970, 87.3755

Monochromacy



Original Color

79.1357, 79.2889, 78.1512

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

77.4810, 79.9354, 84.0184

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.1357, 79.2889, 78.1512 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(250, 225, 219) looks like.

```
.text, #text, p{  
    color:rgb(250, 225, 219)  
}
```

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(250, 225, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 225, 219) }
```

Border

The CSS property to change the border of an element to XYZ 79.1357, 79.2889, 78.1512 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(250, 225, 219) }
```


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

```
.border{ border-color:rgb(250, 225, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 225, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 225, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 225, 219);  
box-shadow:4px 4px 4px 4px rgb(250, 225,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 79.1357, 79.2889, 78.1512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 225, 219) }
```

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

```
.background{ background-color: rgb(250,  
225, 219) }
```

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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