

Converting Colors

XYZ(77.5989, 79.2182, 78.0671)

Have a look what the booklet for
XYZ(77.5989, 79.2182, 78.0671)
contains.

| | |
|--|----|
| XYZ(77.5635, 79.2857, 78.2335) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(77.5635, 79.2857,
78.2335)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | F4E3DB |
| RGB | 244, 227, 219 |
| RGB Percent | 96%, 89%, 86% |
| CMY | 0.0431, 0.1098, 0.1412 |
| CMYK | 0.00, 0.07, 0.10, 0.04 |
| HSL | 19°, 53%, 91% |
| HSV | 19°, 10%, 96% |
| XYZ | 77.5635, 79.2857, 78.2335 |
| YIQ | 231.1710, 12.7000, 1.1160 |

Conversions

Conversions Part 2

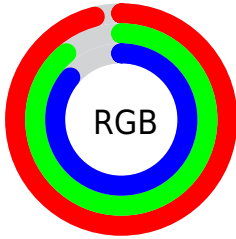
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 244, 231, 219 |
| Decimal | 16049115 |
| CIE Lab | 91.36, 4.47, 5.98 |
| CIE LCh | 91, 7.463, 53.208 |
| Yxy | 79.2857, 0.3299, 0.3373 |
| Android (android.graphics.Color) | 4294239195 (0xFFFF4E3DB) |
| YUV | 231.1710, -6.0003, 11.2510 |
| Hunter-Lab | 89.0425, -0.3359, 10.2371 |

Details

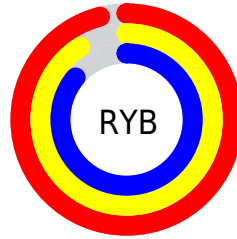
The XYZ color **77.5635, 79.2857, 78.2335** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.5378, 81.5813, 97.3543**, and the grayscale version is **76.1214, 80.0857, 87.2133**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.1924, 42.8767, 41.1742** is the 20% darker color. If you saturate the color by 10%, you get **70.2638, 69.4552, 61.0968**, and if you desaturate by 10%, it is **85.7756, 90.1858, 97.9992**.

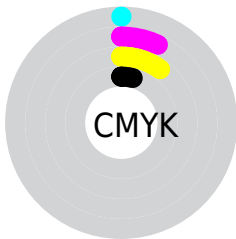
Distribution



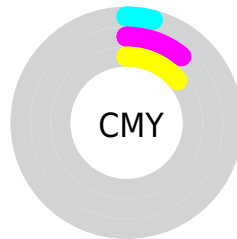
- Red (96%)
- Green (89%)
- Blue (86%)



- Red (96%)
- Yellow (91%)
- Blue (86%)



- Cyan (0%)
- Magenta (7%)
- Yellow (10%)
- Black (4%)



- Cyan (4%)
- Magenta (11%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.5635, 79.2857, 78.2335 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 77.5635, 79.2857, 78.2335 by changing the saturation by 10% instead.

77.5635, 79.2857,
78.2335

77.5635, 79.2857,
78.2335

475.5457,
492.5223, 508.5084

58.0170, 59.1307,
57.7482

128.9032,
132.3610, 132.6681

42.0656, 42.7184,
41.1929

161.4272,
166.0501, 167.4545

29.3440, 29.6642,
28.1490

199.0077,
205.0194, 207.8450

19.4868, 19.5839,
18.1980

242.0101,
249.6533, 254.2582

12.1287, 12.0929,
10.9213

290.7997,
300.3361, 307.1126

6.9042, 6.8070,
5.9004

345.7420,

3.4480, 3.3417,

357.4523, 366.8267

2.7168

407.2022,
421.3862, 433.8191

■ 1.3949, 1.3126,
0.9519

■ 0.2526, 0.1509,
0.0000

■ 77.5635, 79.2857,
78.2335

■ 77.5635, 79.2857,
78.2335

■ 70.2638, 69.4552,
61.0968

■ 85.7756, 90.1858,
97.9992

■ 63.8374, 60.6511,
46.4725

■ 91.1186, 97.9733,
108.7160

■ 58.2515, 52.8424,
34.2426

■ 53.4690, 45.9926,
24.2778

■ 49.4496, 40.0630,
16.4362

■ 46.1493, 35.0116,
10.5598

■ 43.5188, 30.7933,
6.4681

■ 41.5011, 27.3577,
3.9465

■ 40.0417, 24.6994,
2.6570

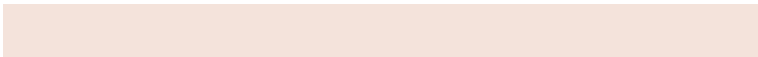
Harmonies

Analogous

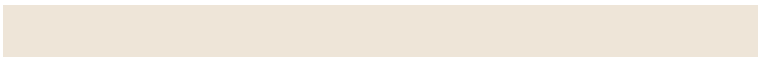
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.7596, 79.2857, 82.2787



77.5635, 79.2857, 78.2335



75.7907, 79.2857, 76.3694

Triad

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



77.5635, 79.2857, 78.2335



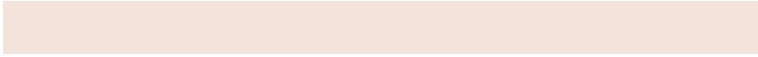
71.7959, 79.2857, 85.0997



76.8047, 79.2857, 96.2858

Complementary

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



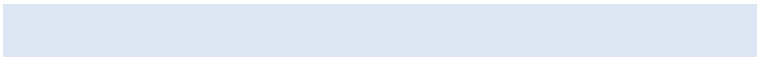
77.5635, 79.2857, 78.2335



75.5378, 81.5813, 97.3543

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.



74.9283, 79.2857, 97.1182



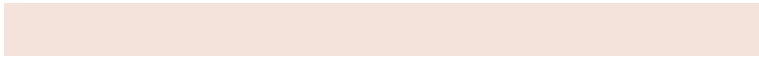
77.5635, 79.2857, 78.2335



72.0571, 79.2857, 90.5094

Square

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



77.5635, 79.2857, 78.2335



72.4764, 79.2857, 80.2246



73.1960, 79.2857, 94.9638



78.3164, 79.2857, 92.7347

Rectangle

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



77.5635, 79.2857, 78.2335



74.5286, 79.2857, 76.5566



73.1960, 79.2857, 94.9638



76.1949, 79.2857, 96.8988

Sweetspot

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



77.5657, 79.2892, 78.2352



92.2059, 96.2436, 101.9962



77.7932, 75.9583, 89.9826



19.5765, 20.3891, 21.4463



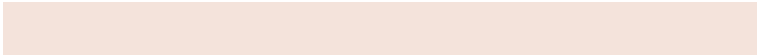
0.0000, 0.0000, 0.0000



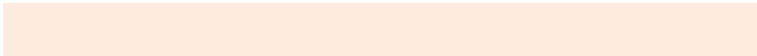
20.3446, 21.4041, 23.3091

Same Dimension

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



77.5657, 79.2892, 78.2352



84.2279, 85.6215, 82.8931



81.0840, 86.3259, 79.4080



16.9322, 17.3485, 17.2537



21.8811, 13.6478, 1.4810



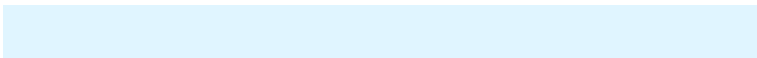
2.0121, 1.3774, 0.1598

Inverse Universe

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



75.5378, 81.5813, 97.3543



81.6284, 88.5589, 107.3990



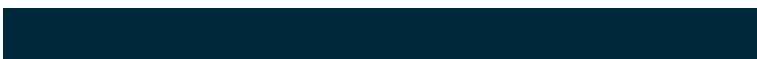
72.0875, 74.6805, 96.2042



16.5233, 17.8108, 21.1095



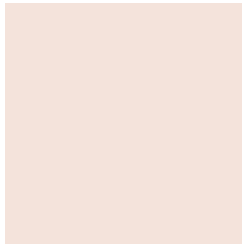
16.4103, 18.6144, 49.2660



1.5349, 1.8211, 4.3609

Previews

White Background



This preview shows how the XYZ color 77.5635, 79.2857, 78.2335 looks on a white background.

Color Contrast Check

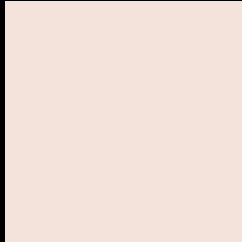
Large Text (above 18pt) WCAG AA × Fail

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 77.5635, 79.2857, 78.2335 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

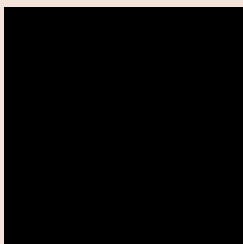
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

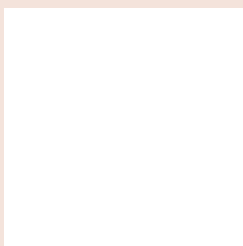
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 77.5635, 79.2857, 78.2335

Background



This preview shows how black text looks on a background with the XYZ color 77.5635, 79.2857, 78.2335.



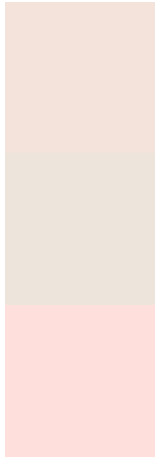
This preview shows how white text looks on a background with the XYZ color 77.5635, 79.2857,

78.2335.

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

77.5635, 79.2857, 78.2335

Protanopia

75.8626, 79.2105, 79.0009

Deuteranopia

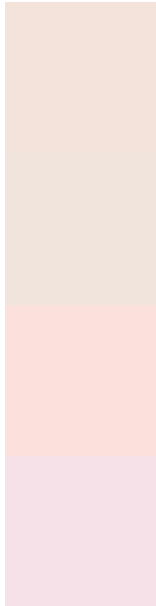
80.5459, 79.2027, 78.7526



Tritanopia

80.8906, 79.4363, 94.2884

Trichromacy



Original Color

77.5635, 79.2857, 78.2335

Protanomaly

76.5969, 79.1794, 78.9562

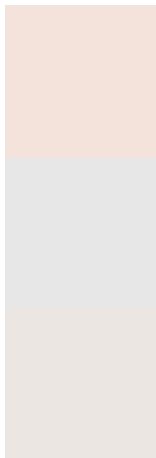
Deuteranomaly

79.3576, 78.9878, 78.7737

Tritanomaly

79.6392, 79.3264, 88.2049

Monochromacy



Original Color

77.5635, 79.2857, 78.2335

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

76.7540, 79.9725, 84.0639

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.5635, 79.2857, 78.2335 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(244, 227, 219) looks like.

```
.text, #text, p{  
    color:rgb(244, 227, 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(244, 227, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 227, 219) }
```

Border

The CSS property to change the border of an element to XYZ 77.5635, 79.2857, 78.2335 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(244, 227, 219) }
```


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

```
.border{ border-color:rgb(244, 227, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 227, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 227, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 227, 219);  
box-shadow:4px 4px 4px 4px rgb(244, 227,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 77.5635, 79.2857, 78.2335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 227, 219) }
```

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

```
.background{ background-color: rgb(244,  
227, 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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