

Converting Colors

XYZ(79.4706, 80.0815, 88.3465)

Have a look what the booklet for
XYZ(79.4706, 80.0815, 88.3465)
contains.

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Color

**XYZ(79.4853, 80.0545,
88.3535)**

Conversions

Conversions Part 1

Format	Color
Hex	F4E3E9
RGB	244, 227, 233
RGB Percent	96%, 89%, 91%
CMY	0.0431, 0.1098, 0.0863
CMYK	0.00, 0.07, 0.05, 0.04
HSL	339°, 44%, 92%
HSV	339°, 7%, 96%
XYZ	79.4853, 80.0545, 88.3535
YIQ	232.7670, 8.2060, 5.4700

Conversions

Conversions Part 2

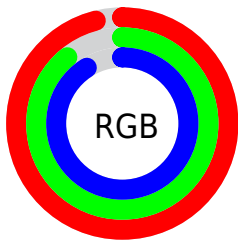
Format	Color
R_{YB}	244, 227, 233
Decimal	16049129
CIE Lab	91.71, 6.81, -0.84
CIE LCh	92, 6.858, 352.967
Yxy	80.0545, 0.3206, 0.3229
Android (android.graphics.Color)	4294239209 (0xFF4E3E9)
YUV	232.7670, 0.1149, 9.8513
Hunter-Lab	89.4732, 1.9960, 4.0832

Details

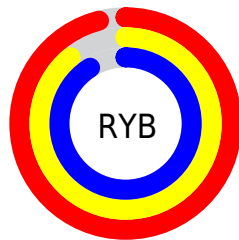
The XYZ color **79.4853, 80.0545, 88.3535** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **79.4649, 87.2074, 93.5377**, and the grayscale version is **77.2737, 81.2980, 88.5335**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.4274, 43.3707, 47.6775** is the 20% darker color. If you saturate the color by 10%, you get **71.1233, 66.7799, 74.9297**, and if you desaturate by 10%, it is **88.9996, 95.3083, 103.1595**.

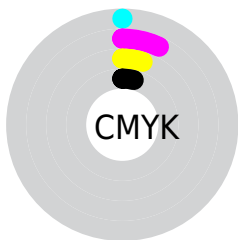
Distribution



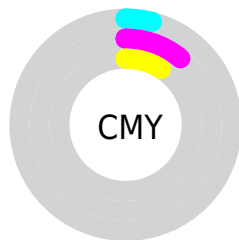
- Red (96%)
- Green (89%)
- Blue (91%)



- Red (96%)
- Yellow (89%)
- Blue (91%)



- Cyan (0%)
- Magenta (7%)
- Yellow (5%)
- Black (4%)




- Cyan (4%)
- Magenta (11%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.4853, 80.0545, 88.3535 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 79.4853, 80.0545, 88.3535 by changing the saturation by 10% instead.


 79.4853, 80.0545,
88.3535

 79.4853, 80.0545,
88.3535


481.9596,
495.1165, 543.0915

 59.6019, 59.7632,
66.0499

131.5962,
133.4424, 146.9647

 43.3461, 43.2278,
47.8561


164.5544,
167.3077, 184.1093

 30.3524, 30.0639,
33.3538


202.6015,
206.4665, 227.0380

 20.2557, 19.8871,
22.1243

246.1031,
251.3032, 276.1693

 12.6904, 12.3130,
13.7491

295.4243,
302.2021, 331.9217

 7.2912, 6.9572,
7.8096

350.9305,

 3.6928, 3.4354,

359.5477, 394.7139

3.8873

412.9872,
423.7244, 464.9643

■ 1.5299, 1.3630,
1.5637

■ 0.3460, 0.1892,
0.2647

■ 79.4853, 80.0545,
88.3535

■ 79.4853, 80.0545,
88.3535

■ 71.1233, 66.7799,
74.9297

■ 88.9996, 95.3083,
103.1595

■ 63.8618, 55.3927,
62.8419

■ 91.1187, 97.9733,
108.7160

■ 57.6553, 45.8096,
52.0489

■ 52.4523, 37.9368,
42.5052

■ 48.1969, 31.6720,
34.1625

■ 44.8273, 26.9018,
26.9689

■ 42.2740, 23.4981,
20.8683

■ 40.4561, 21.3103,
15.7983

■ 39.2718, 20.1472,
11.6874

Harmonies

Analogous

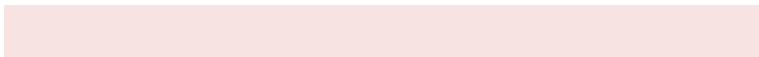
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.8131, 80.0545, 93.1123



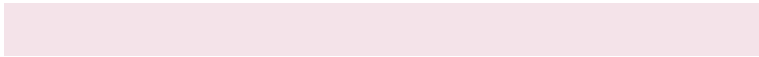
79.4853, 80.0545, 88.3535



79.2365, 80.0545, 83.4516

Triad

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



79.4853, 80.0545, 88.3535



74.7812, 80.0545, 78.5731



74.0766, 80.0545, 95.1044

Complementary

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



79.4853, 80.0545, 88.3535



79.4649, 87.2074, 93.5377

Split Complementary

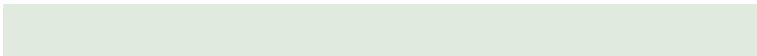
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.0268, 80.0545, 90.9885



79.4853, 80.0545, 88.3535



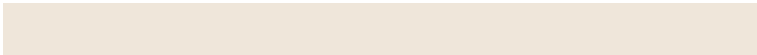
73.4292, 80.0545, 81.4780

Square

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



79.4853, 80.0545, 88.3535



76.5030, 80.0545, 77.9283



72.7916, 80.0545, 85.9887



75.6773, 80.0545, 97.1057

Rectangle

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



79.4853, 80.0545, 88.3535



78.5836, 80.0545, 80.7480



72.7916, 80.0545, 85.9887



73.6486, 80.0545, 93.9148

Sweetspot

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



79.4876, 80.0580, 88.3552



92.9176, 96.5783, 105.5899



78.9826, 79.6104, 96.7925



19.9105, 20.7076, 22.6354



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

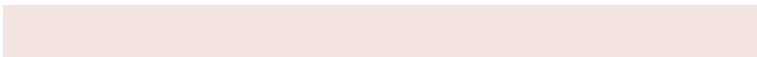
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.4876, 80.0580, 88.3552



86.8304, 86.8465, 96.0310



79.2692, 80.9689, 84.1279



16.7406, 16.5791, 18.3804



21.2598, 10.8474, 6.0766



1.9155, 0.9721, 0.7812

Inverse Universe

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



79.4876, 80.0580, 88.3552



86.8304, 86.8465, 96.0310



79.6831, 86.2104, 98.0295



16.7406, 16.5791, 18.3804



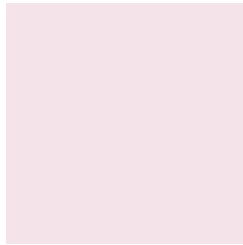
21.2598, 10.8474, 6.0766



1.9155, 0.9721, 0.7812

Previews

White Background



This preview shows how the XYZ color 79.4853, 80.0545, 88.3535 looks on a white background.

Color Contrast Check

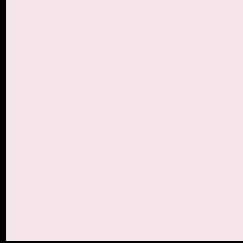
Large Text (above 18pt) WCAG AA × Fail

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 79.4853, 80.0545, 88.3535 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 79.4853, 80.0545, 88.3535

Background



This preview shows how black text looks on a background with the XYZ color 79.4853, 80.0545, 88.3535.



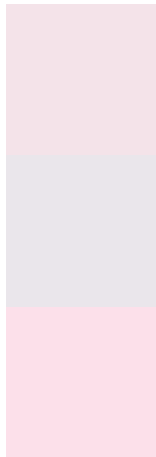
This preview shows how white text looks on a background with the XYZ color 79.4853, 80.0545,

88.3535.

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

79.4853, 80.0545, 88.3535

Protanopia

77.2239, 80.0842, 89.9849

Deuteranopia

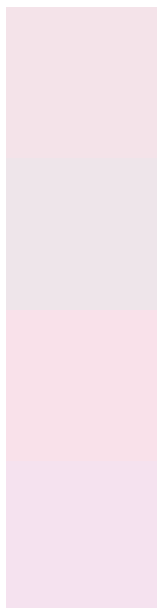
81.6518, 79.9473, 88.9698



Tritanopia

80.7591, 79.7340, 95.9278

Trichromacy



Original Color

79.4853, 80.0545, 88.3535

Protanomaly

78.1305, 80.1563, 89.1957

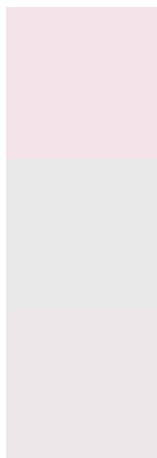
Deuteranomaly

80.8434, 79.9307, 89.0092

Tritanomaly

80.4325, 80.0372, 92.8708

Monochromacy



Original Color

79.4853, 80.0545, 88.3535

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

78.2089, 81.0395, 88.6109

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.4853, 80.0545, 88.3535 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, 233) looks like.

```
.text, #text, p{  
    color:rgb(244, 227, 233)  
}
```

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, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 227, 233) }
```

Border

The CSS property to change the border of an element to XYZ 79.4853, 80.0545, 88.3535 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, 233) }
```


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

```
.border{ border-color:rgb(244, 227, 233) }
```

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, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 227, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 227, 233);  
box-shadow:4px 4px 4px 4px rgb(244, 227,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 79.4853, 80.0545, 88.3535 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, 233) }
```

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

```
.background{ background-color: rgb(244,  
227, 233) }
```

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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