

Converting Colors

XYZ(80.0355, 80.7841, 93.3969)

Have a look what the booklet for
XYZ(80.0355, 80.7841, 93.3969)
contains.

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Color

**XYZ(79.9413, 80.5960,
93.0046)**

Conversions

Conversions Part 1

Format	Color
Hex	F2E4EF
RGB	242, 228, 239
RGB Percent	95%, 89%, 94%
CMY	0.0510, 0.1059, 0.0627
CMYK	0.00, 0.06, 0.01, 0.05
HSL	313°, 35%, 92%
HSV	313°, 6%, 95%
XYZ	79.9413, 80.5960, 93.0046
YIQ	233.4400, 4.8130, 6.3890

Conversions

Conversions Part 2

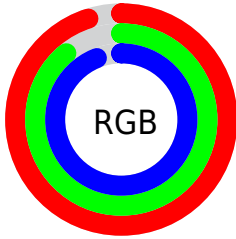
Format	Color
R _Y B	242, 228, 239
Decimal	15918319
CIE Lab	91.95, 6.66, -3.64
CIE LCh	92, 7.591, 331.349
Yxy	80.5960, 0.3153, 0.3179
Android (android.graphics.Color)	4294108399 (0xFF2E4EF)
YUV	233.4400, 2.7411, 7.5071
Hunter-Lab	89.7753, 1.8404, 1.4200

Details

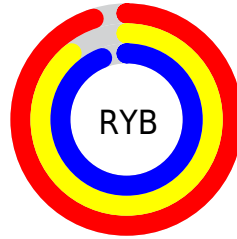
The XYZ color **79.9413, 80.5960, 93.0046** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **78.1738, 85.7699, 88.0404**, and the grayscale version is **77.7630, 81.8127, 89.0941**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.7405, 43.7451, 50.9380** is the 20% darker color. If you saturate the color by 10%, you get **72.9897, 67.9007, 86.9614**, and if you desaturate by 10%, it is **87.8513, 95.1707, 99.4777**.

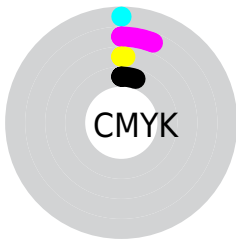
Distribution



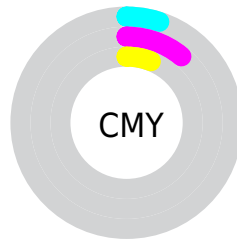
- Red (95%)
- Green (89%)
- Blue (94%)



- Red (95%)
- Yellow (89%)
- Blue (94%)



- Cyan (0%)
- Magenta (6%)
- Yellow (1%)
- Black (5%)



- Cyan (5%)
- Magenta (11%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.9413, 80.5960, 93.0046 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 79.9413, 80.5960, 93.0046 by changing the saturation by 10% instead.

79.9413, 80.5960,
93.0046

79.9413, 80.5960,
93.0046

483.4745,
496.9391, 558.5773

59.9783, 60.2089,
69.8876

132.2342,
134.2034, 153.4767

43.6506, 43.5871,
50.9587

165.2948,
168.1924, 191.6690

30.5926, 30.3460,
35.7992

203.4520,
207.4843, 235.7234

20.4391, 20.1014,
23.9907

247.0712,
252.4633, 286.0586

12.8248, 12.4687,
15.1146

296.5177,
303.5139, 343.0930

7.3842, 7.0638,
8.7523

352.1568,

3.7520, 3.5020,

361.0205, 407.2453

4.4854

414.3540,
425.3674, 478.9339

■ 1.5628, 1.3991,
1.8952

■ 0.3680, 0.2161,
0.4897

■ 79.9413, 80.5960,
93.0046

■ 79.9413, 80.5960,
93.0046

■ 72.9897, 67.9007,
86.9614

■ 87.8513, 95.1707,
99.4777

■ 66.9510, 56.9972,
81.3292

■ 89.5360, 97.2605,
103.9842

■ 61.7861, 47.8068,
76.0949

■ 90.3581, 97.5894,
108.3134

■ 57.4504, 40.2405,
71.2428

■ 90.4284, 97.6175,
108.6837

■ 53.8953, 34.2014,
66.7558

■ 51.0671, 29.5823,
62.6150

■ 48.9050, 26.2621,
58.7992

■ 47.3381, 24.0992,
55.2839

■ 46.2789, 22.9189,
52.0387

Harmonies

Analogous

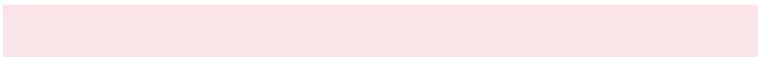
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.5711, 80.5960, 97.2477



79.9413, 80.5960, 93.0046



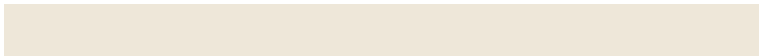
80.4134, 80.5960, 87.5028

Triad

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



79.9413, 80.5960, 93.0046



76.5159, 80.5960, 77.4533



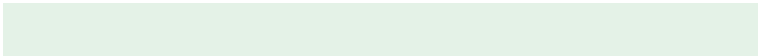
73.4468, 80.5960, 93.4604

Complementary

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



79.9413, 80.5960, 93.0046



78.1738, 85.7699, 88.0404

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.



72.9170, 80.5960, 88.0084



79.9413, 80.5960, 93.0046



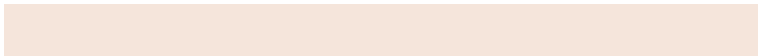
74.6702, 80.5960, 78.9017

Square

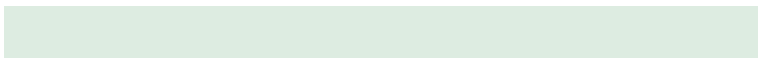
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.9413, 80.5960, 93.0046



78.4157, 80.5960, 78.6665



73.3611, 80.5960, 82.7074



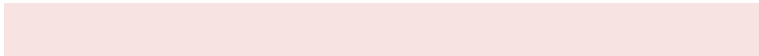
74.8206, 80.5960, 97.5186

Rectangle

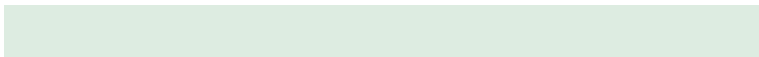
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.9413, 80.5960, 93.0046



80.1491, 80.5960, 83.9044



73.3611, 80.5960, 82.7074



73.1652, 80.5960, 91.7223

Sweetspot

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



79.9436, 80.5995, 93.0063



93.2690, 96.7189, 107.4406



76.6642, 78.8572, 95.1859



19.9821, 20.7362, 23.0121



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.



79.9436, 80.5995, 93.0063



89.0077, 88.8913, 103.8772



78.9579, 80.2052, 87.8158



16.5870, 16.4940, 19.3851



24.7244, 12.1622, 27.5291



2.0925, 1.0261, 2.4781

Inverse Universe

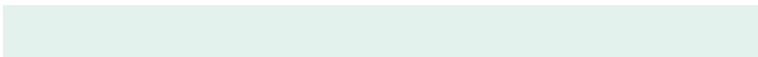
The Inverse Universe completely reimagines the original color for something new.



79.9436, 80.5995, 93.0063



89.0077, 88.8913, 103.8772



79.1529, 86.1615, 93.1960



16.5870, 16.4940, 19.3851



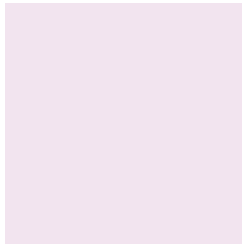
24.7244, 12.1622, 27.5291



2.0925, 1.0261, 2.4781

Previews

White Background



This preview shows how the XYZ color 79.9413, 80.5960, 93.0046 looks on a white background.

Color Contrast Check

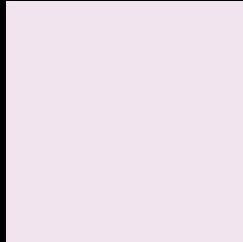
Large Text (above 18pt) WCAG AA × Fail

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 79.9413, 80.5960, 93.0046 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

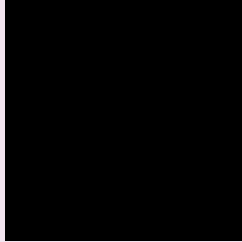
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

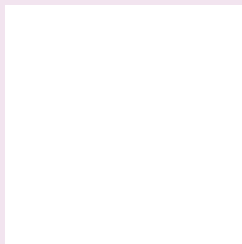
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.9413, 80.5960, 93.0046

Background



This preview shows how black text looks on a background with the XYZ color 79.9413, 80.5960, 93.0046.

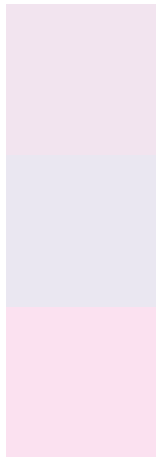


This preview shows how white text looks on a background with the XYZ color 79.9413, 80.5960,

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

79.9413, 80.5960, 93.0046

Protanopia

78.3848, 80.9951, 94.7214

Deuteranopia

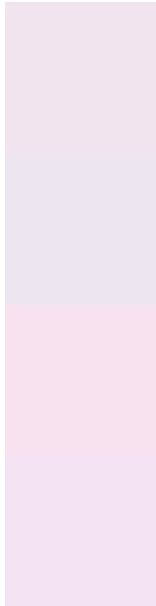
82.4371, 80.6509, 93.6604



Tritanopia

80.9127, 80.5854, 97.6762

Trichromacy



Original Color

79.9413, 80.5960, 93.0046

Protanomaly

78.9500, 80.8894, 93.8902

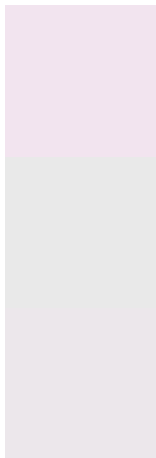
Deuteranomaly

81.6359, 80.6404, 93.7006

Tritanomaly

80.6089, 80.4639, 96.0766

Monochromacy



Original Color

79.9413, 80.5960, 93.0046

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

78.1634, 80.9829, 90.1089

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.9413, 80.5960, 93.0046 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(242, 228, 239) looks like.

```
.text, #text, p{  
    color:rgb(242, 228, 239)  
}
```

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(242, 228, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 228, 239) }
```

Border

The CSS property to change the border of an element to XYZ 79.9413, 80.5960, 93.0046 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(242, 228, 239) }
```


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

```
.border{ border-color:rgb(242, 228, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 228, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 228, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 228, 239);  
box-shadow:4px 4px 4px 4px rgb(242, 228,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 79.9413, 80.5960, 93.0046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 228, 239) }
```

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

```
.background{ background-color: rgb(242,  
228, 239) }
```

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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