

Converting Colors

XYZ(79.3810, 79.3861, 92.6741)

Have a look what the booklet for
XYZ(79.3810, 79.3861, 92.6741)
contains.

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Color

**XYZ(79.3943, 79.5020,
92.8222)**

Conversions

Conversions Part 1

Format	Color
Hex	F2E2EF
RGB	242, 226, 239
RGB Percent	95%, 89%, 94%
CMY	0.0510, 0.1137, 0.0627
CMYK	0.00, 0.07, 0.01, 0.05
HSL	311°, 38%, 92%
HSV	311°, 7%, 95%
XYZ	79.3943, 79.5020, 92.8222
YIQ	232.2660, 5.3630, 7.4350

Conversions

Conversions Part 2

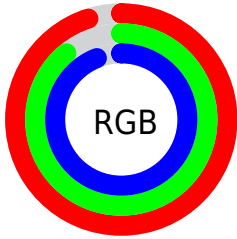
Format	Color
R_{YB}	242, 226, 239
Decimal	15917807
CIE Lab	91.46, 7.70, -4.36
CIE LCh	91, 8.847, 330.463
Yxy	79.5020, 0.3154, 0.3158
Android (android.graphics.Color)	4294107887 (0xFF F2 E2 EF)
YUV	232.2660, 3.3199, 8.5367
Hunter-Lab	89.1639, 2.9051, 0.6921

Details

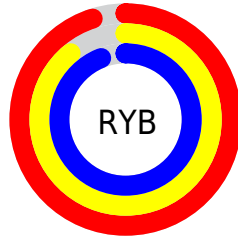
The XYZ color **79.3943, 79.5020, 92.8222** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **77.2621, 85.3323, 86.5316**, and the grayscale version is **76.8760, 80.8796, 88.0778**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.3599, 42.9838, 50.8111** is the 20% darker color. If you saturate the color by 10%, you get **72.6113, 66.9945, 87.2951**, and if you desaturate by 10%, it is **87.1275, 93.8805, 98.7510**.

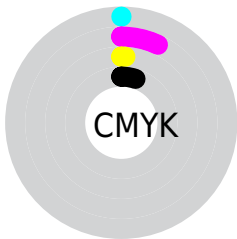
Distribution



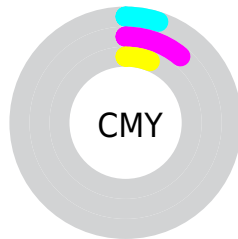
- Red (95%)
- Green (89%)
- Blue (94%)



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



- Cyan (0%)
- Magenta (7%)
- Yellow (1%)
- Black (5%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.3943, 79.5020, 92.8222 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 79.3943, 79.5020, 92.8222 by changing the saturation by 10% instead.


 79.3943, 79.5020,
92.8222

 79.3943, 79.5020,
92.8222


481.6569,
493.2530, 557.9745

 59.5268, 59.3086,
69.7369


131.4688,
132.6653, 153.2220

 43.2853, 42.8616,
50.8366


164.4065,
166.4041, 191.3736

 30.3046, 29.7766,
35.7027

202.4317,
205.4268, 235.3843

 20.2191, 19.6690,
23.9168

245.9097,
250.1178, 285.6728

 12.6636, 12.1547,
15.0603

295.2059,
300.8615, 342.6575

 7.2727, 6.8491,
8.7146

350.6856,

 3.6811, 3.3679,

358.0424, 406.7570

4.4613

412.7141,
422.0447, 478.3898

■ 1.5233, 1.3267,
1.8816

■ 0.3416, 0.1617,
0.4810

■ 79.3943, 79.5020,
92.8222

■ 79.3943, 79.5020,
92.8222

■ 72.6113, 66.9945,
87.2951

■ 87.1275, 93.8805,
98.7510

■ 66.7327, 56.2704,
82.1510

■ 89.3340, 97.1797,
102.9204

■ 61.7194, 47.2502,
77.3772

■ 90.0472, 97.4650,
106.6762

■ 57.5265, 39.8444,
72.9581

■ 90.4285, 97.6175,
108.6837

■ 54.1050, 33.9555,
68.8769

■ 51.4009, 29.4752,
65.1147

■ 49.3528, 26.2811,
61.6506

■ 47.8887, 24.2296,
58.4600

■ 46.9182, 23.1399,
55.5119

Harmonies

Analogous

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



77.7807, 79.5020, 97.6985



79.3943, 79.5020, 92.8222



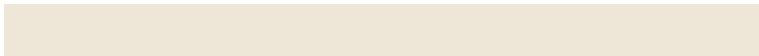
79.9771, 79.5020, 86.4639

Triad

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



79.3943, 79.5020, 92.8222



75.5292, 79.5020, 74.7470



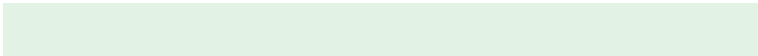
71.8933, 79.5020, 93.0043

Complementary

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



79.3943, 79.5020, 92.8222



77.2621, 85.3323, 86.5316

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.



71.3168, 79.5020, 86.6645



79.3943, 79.5020, 92.8222



73.3903, 79.5020, 76.3097

Square

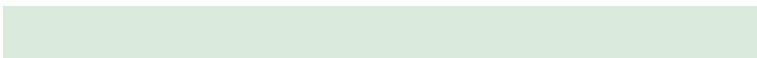
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.3943, 79.5020, 92.8222



77.7189, 79.5020, 76.2175



71.8594, 79.5020, 80.5939



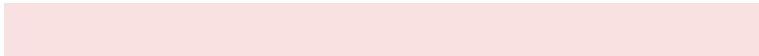
73.4498, 79.5020, 97.8072

Rectangle

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



79.3943, 79.5020, 92.8222



79.6938, 79.5020, 82.3009



71.8594, 79.5020, 80.5939



71.5799, 79.5020, 90.9722

Sweetspot

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



79.3966, 79.5054, 92.8239



93.2909, 96.7276, 107.5558



75.5186, 77.4546, 94.9755



19.9865, 20.7380, 23.0355



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

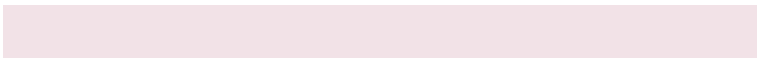
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.3966, 79.5054, 92.8239



88.2740, 87.4239, 103.6326



78.2502, 79.0469, 86.7873



16.3197, 15.9776, 19.2397



25.1095, 12.3162, 29.5570



2.1214, 1.0376, 2.6299

Inverse Universe

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



79.3966, 79.5054, 92.8239



88.2740, 87.4239, 103.6326



78.3951, 85.7855, 92.4983



16.3197, 15.9776, 19.2397



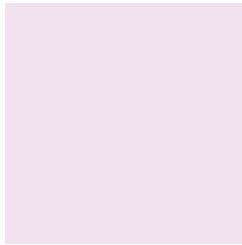
25.1095, 12.3162, 29.5570



2.1214, 1.0376, 2.6299

Previews

White Background



This preview shows how the XYZ color 79.3943, 79.5020, 92.8222 looks on a white background.

Color Contrast Check

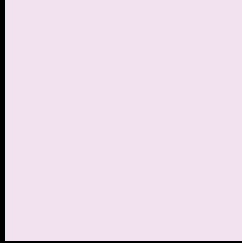
Large Text (above 18pt) WCAG AA × Fail

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 79.3943, 79.5020, 92.8222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

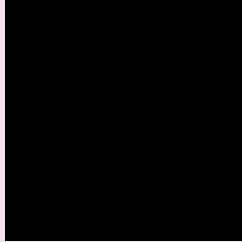
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

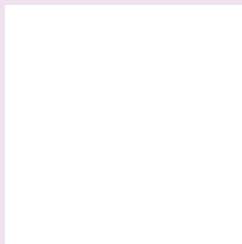
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.3943, 79.5020, 92.8222

Background



This preview shows how black text looks on a background with the XYZ color 79.3943, 79.5020, 92.8222.



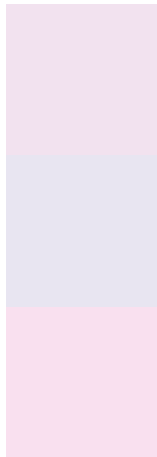
This preview shows how white text looks on a background with the XYZ color 79.3943, 79.5020,

92.8222.

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

79.3943, 79.5020, 92.8222

Protanopia

77.1752, 79.5453, 94.5053

Deuteranopia

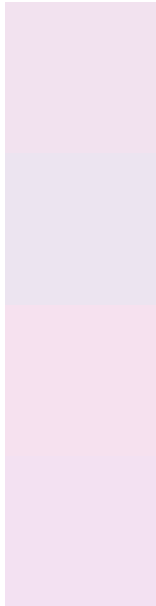
81.3026, 79.6830, 92.7566



Tritanopia

80.0650, 79.3762, 95.8953

Trichromacy



Original Color

79.3943, 79.5020, 92.8222

Protanomaly

78.0637, 79.6109, 93.6901

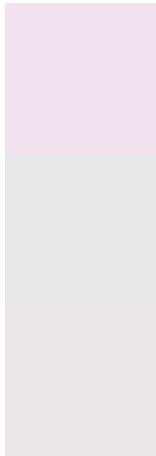
Deuteranomaly

80.5112, 79.6753, 92.7968

Tritanomaly

79.9144, 79.3159, 95.1020

Monochromacy



Original Color

79.3943, 79.5020, 92.8222

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

77.8843, 80.4247, 90.0158

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.3943, 79.5020, 92.8222 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, 226, 239) looks like.

```
.text, #text, p{  
    color:rgb(242, 226, 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, 226, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 226, 239) }
```

Border

The CSS property to change the border of an element to XYZ 79.3943, 79.5020, 92.8222 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, 226, 239) }
```


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

```
.border{ border-color:rgb(242, 226, 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, 226, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 226, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 226, 239);  
box-shadow:4px 4px 4px 4px rgb(242, 226,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 79.3943, 79.5020, 92.8222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 226, 239) }
```

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

```
.background{ background-color: rgb(242,  
226, 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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