

Converting Colors

XYZ(79.0331, 79.5539, 94.2507)

Have a look what the booklet for
XYZ(79.0331, 79.5539, 94.2507)
contains.

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Color

**XYZ(79.2814, 79.8143,
94.4462)**

Conversions

Conversions Part 1

Format	Color
Hex	F0E3F1
RGB	240, 227, 241
RGB Percent	94%, 89%, 95%
CMY	0.0588, 0.1098, 0.0549
CMYK	0.00, 0.06, 0.00, 0.05
HSL	296°, 33%, 92%
HSV	296°, 6%, 95%
XYZ	79.2814, 79.8143, 94.4462
YIQ	232.4830, 3.2540, 7.1100

Conversions

Conversions Part 2

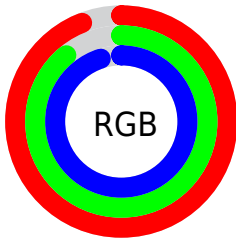
Format	Color
R _Y B	240, 227, 241
Decimal	15786993
CIE Lab	91.60, 6.87, -5.22
CIE LCh	92, 8.626, 322.771
Yxy	79.8143, 0.3127, 0.3148
Android (android.graphics.Color)	4293977073 (0xFF0E3F1)
YUV	232.4830, 4.1989, 6.5924
Hunter-Lab	89.3388, 2.0621, -0.1423

Details

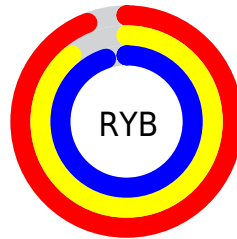
The XYZ color **79.2814, 79.8143, 94.4462** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **77.3184, 84.9528, 84.9995**, and the grayscale version is **77.0334, 81.0451, 88.2581**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.2766, 43.1982, 51.9561** is the 20% darker color. If you saturate the color by 10%, you get **72.5648, 67.2437, 92.3750**, and if you desaturate by 10%, it is **86.9308, 94.2398, 96.8286**.

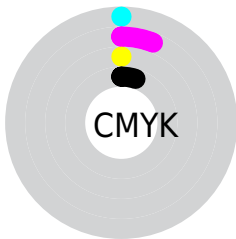
Distribution



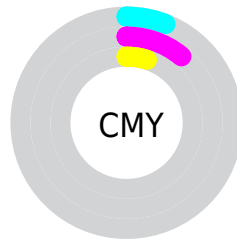
- Red (94%)
- Green (89%)
- Blue (95%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.2814, 79.8143, 94.4462 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 79.2814, 79.8143, 94.4462 by changing the saturation by 10% instead.


 79.2814, 79.8143,
94.4462

 79.2814, 79.8143,
94.4462


481.2813,
494.3068, 563.3295

 59.4336, 59.5656,
71.0798


131.3108,
133.1046, 155.4883

 43.2100, 43.0686,
51.9251


164.2231,
166.9150, 194.0010

 30.2452, 29.9389,
36.5635


202.2210,
206.0147, 238.3996

 20.1737, 19.7922,
24.5766

245.6698,
250.7881, 289.1026

 12.6304, 12.2441,
15.5457

294.9349,
301.6196, 346.5286

 7.2498, 6.9101,
9.0524

350.3816,

 3.6665, 3.4060,

358.8936, 411.0960

4.6781

412.3753,
422.9946, 483.2235

■ 1.5153, 1.3472,
2.0043

■ 0.3362, 0.1773,
0.5579

■ 79.2814, 79.8143,
94.4462

■ 79.2814, 79.8143,
94.4462

■ 72.5648, 67.2437,
92.3750

■ 86.9308, 94.2398,
96.8286

■ 66.7359, 56.4416,
90.5972

■ 88.7535, 97.0050,
97.2663

■ 61.7563, 47.3298,
89.1009

■ 89.3521, 97.3136,
97.2943

■ 57.5820, 39.8203,
87.8715

■ 89.9563, 97.6251,
97.3226

54.1650, 33.8175,
86.8929

90.5661, 97.9395,
97.3511

51.4523, 29.2150,
86.1475

91.1815, 98.2567,
97.3799

49.3839, 25.8932,
85.6153

91.8026, 98.5769,
97.4090

47.8898, 23.7118,
85.2730

92.4293, 98.9000,
97.4383

46.8836, 22.4980,
85.0918

92.8774, 99.1310,
97.4593

Harmonies

Analogous

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



77.5112, 79.8143, 98.5674



79.2814, 79.8143, 94.4462



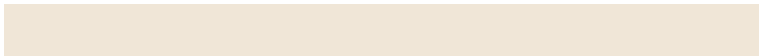
80.1381, 79.8143, 88.4384

Triad

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



79.2814, 79.8143, 94.4462



76.3949, 79.8143, 75.4247



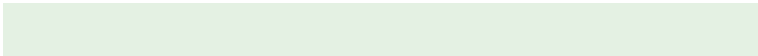
72.0249, 79.8143, 91.6810

Complementary

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



79.2814, 79.8143, 94.4462



77.3184, 84.9528, 84.9995

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.



71.7391, 79.8143, 85.3878



79.2814, 79.8143, 94.4462



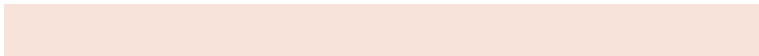
74.2346, 79.8143, 76.1994

Square

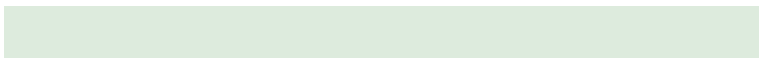
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.2814, 79.8143, 94.4462



78.4508, 79.8143, 77.6053



72.5406, 79.8143, 79.7748



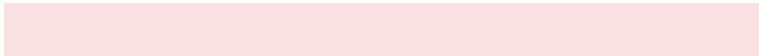
73.3291, 79.8143, 96.9178

Rectangle

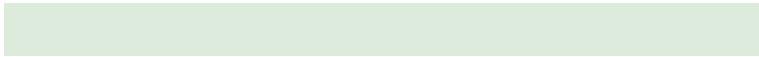
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.2814, 79.8143, 94.4462



80.0644, 79.8143, 84.2520



72.5406, 79.8143, 79.7748



71.8076, 79.8143, 89.6115

Sweetspot

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



79.2837, 79.8177, 94.4479



93.3106, 96.7200, 108.3586



75.3485, 78.2642, 94.3555



19.9905, 20.7364, 23.1989



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.



79.2837, 79.8177, 94.4479



89.1499, 88.8942, 107.0673



78.7667, 79.6503, 89.9486



16.6157, 16.4945, 20.0296



25.2915, 12.0437, 46.1195



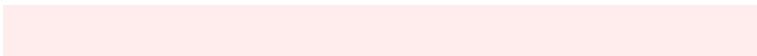
2.1371, 1.0190, 3.8383

Inverse Universe

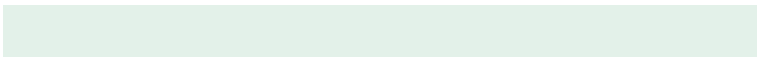
The Inverse Universe completely reimagines the original color for something new.



77.7512, 79.2441, 84.6007



87.0629, 88.1134, 93.6359



77.8208, 85.1172, 89.2966



16.1955, 16.3374, 17.3235



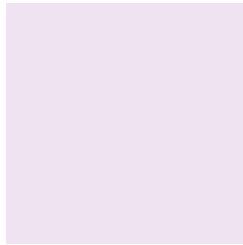
19.7449, 10.1704, 1.3072



1.6584, 0.8524, 0.1922

Previews

White Background



This preview shows how the XYZ color 79.2814, 79.8143, 94.4462 looks on a white background.

Color Contrast Check

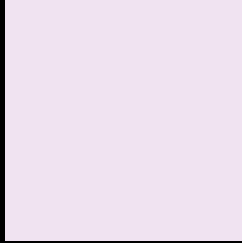
Large Text (above 18pt) WCAG AA × Fail

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 79.2814, 79.8143, 94.4462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

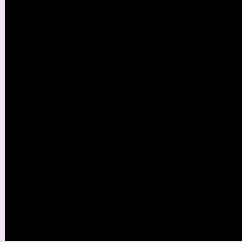
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

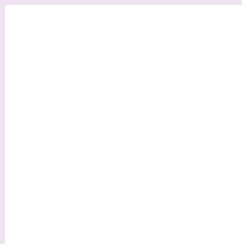
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.2814, 79.8143, 94.4462

Background



This preview shows how black text looks on a background with the XYZ color 79.2814, 79.8143, 94.4462.



This preview shows how white text looks on a background with the XYZ color 79.2814, 79.8143,

94.4462.

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

79.2814, 79.8143, 94.4462

Protanopia

77.7532, 80.2205, 96.1801

Deuteranopia

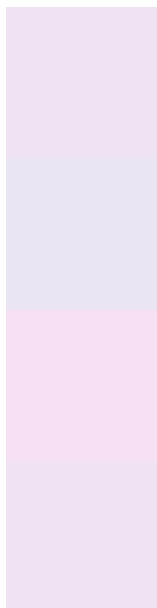
81.3941, 79.6786, 95.0940



Tritanopia

79.8011, 79.6251, 96.7512

Trichromacy



Original Color

79.2814, 79.8143, 94.4462

Protanomaly

78.3073, 80.1116, 95.3402

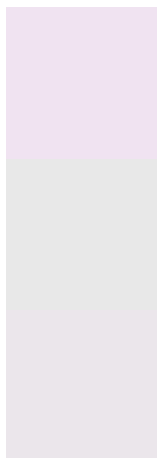
Deuteranomaly

80.6084, 79.6737, 95.1344

Tritanomaly

79.6496, 79.5645, 95.9535

Monochromacy



Original Color

79.2814, 79.8143, 94.4462

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

77.5532, 80.2540, 90.0003

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.2814, 79.8143, 94.4462 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(240, 227, 241) looks like.

```
.text, #text, p{  
    color:rgb(240, 227, 241)  
}
```

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(240, 227, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 227, 241) }
```

Border

The CSS property to change the border of an element to XYZ 79.2814, 79.8143, 94.4462 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(240, 227, 241) }
```


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

```
.border{ border-color:rgb(240, 227, 241) }
```

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

Here you see how a box with a 4 pixel rgb(240, 227, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 227, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 227, 241);  
box-shadow:4px 4px 4px 4px rgb(240, 227,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 79.2814, 79.8143, 94.4462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 227, 241) }
```

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

```
.background{ background-color: rgb(240,  
227, 241) }
```

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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