

Converting Colors

XYZ(79.0277, 79.5965, 98.3860)

Have a look what the booklet for
XYZ(79.0277, 79.5965, 98.3860)
contains.

XYZ(79.0287, 79.5965, 98.3872)	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(79.0287, 79.5965,
98.3872)**

Conversions

Conversions Part 1

Format	Color
Hex	EDE3F6
RGB	237, 227, 246
RGB Percent	93%, 89%, 96%
CMY	0.0706, 0.1098, 0.0353
CMYK	0.04, 0.08, 0.00, 0.04
HSL	272°, 51%, 93%
HSV	272°, 8%, 96%
XYZ	79.0287, 79.5965, 98.3872
YIQ	232.1560, -0.1390, 8.0290

Conversions

Conversions Part 2

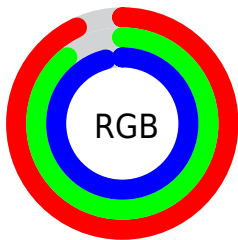
Format	Color
R _Y B	237, 227, 246
Decimal	15590390
CIE Lab	91.50, 6.79, -8.00
CIE LCh	92, 10.496, 310.306
Yxy	79.5965, 0.3075, 0.3097
Android (android.graphics.Color)	4293780470 (0xFFE3F6)
YUV	232.1560, 6.8251, 4.2482
Hunter-Lab	89.2169, 1.9866, -2.9324

Details

The XYZ color **79.0287, 79.5965, 98.3872** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **81.4159, 89.2926, 85.6211**, and the grayscale version is **76.7711, 80.7692, 87.9576**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.1028, 43.0465, 54.7522** is the 20% darker color. If you saturate the color by 10%, you get **69.0102, 65.1488, 96.1278**, and if you desaturate by 10%, it is **90.2661, 96.1039, 100.9824**.

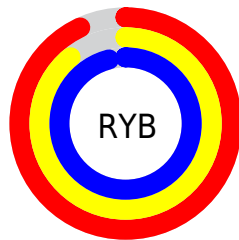
Distribution



Red (93%)

Green (89%)

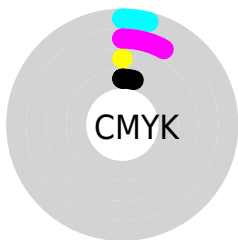
Blue (96%)



Red (93%)

Yellow (89%)

Blue (96%)

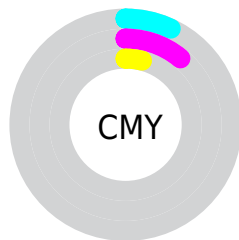


Cyan (4%)

Magenta (8%)

Yellow (0%)

Black (4%)



Cyan (7%)

Magenta (11%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.0287, 79.5965, 98.3872 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 79.0287, 79.5965, 98.3872 by changing the saturation by 10% instead.

79.0287, 79.5965,
98.3872

79.0287, 79.5965,
98.3872

480.4400,
493.5720, 576.2119

59.2251, 59.3864,
74.3449

130.9570,
132.7983, 160.9716

43.0414, 42.9242,
54.5779

163.8124,
166.5587, 200.3507

30.1123, 29.8257,
38.6676

201.7491,
205.6047, 245.6793

20.0723, 19.7063,
26.1954

245.1325,
250.3207, 297.3758

12.5562, 12.1817,
16.7428

294.3279,
301.0910, 355.8588

7.1985, 6.8676,
9.8913

349.7008,

3.6340, 3.3794,

358.3001, 421.5467

5.2223

411.6163,
422.3322, 494.8582

■ 1.4972, 1.3329,
2.3172

■ 0.3240, 0.1664,
0.7409

■ 79.0287, 79.5965,
98.3872

■ 79.0287, 79.5965,
98.3872

■ 69.0102, 65.1488,
96.1278

■ 90.2661, 96.1039,
100.9824

■ 60.1583, 52.6671,
94.1851

■ 93.6348, 99.4339,
101.4476

■ 52.4269, 42.0654,
92.5462

■ 45.7641, 33.2471,
91.1953

■ 40.1132, 26.1068,
90.1149

■ 35.4119, 20.5279,
89.2859

■ 31.5898, 16.3778,
88.6863

■ 28.5647, 13.5009,
88.2904

■ 26.2285, 11.6899,
88.0640

Harmonies

Analogous

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



76.5776, 79.5965, 101.9753



79.0287, 79.5965, 98.3872



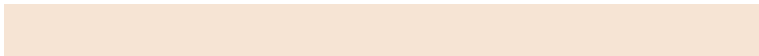
80.5984, 79.5965, 91.7241

Triad

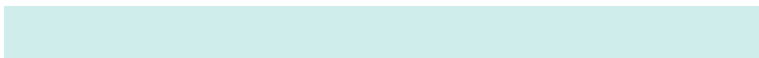
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.0287, 79.5965, 98.3872



77.3998, 79.5965, 73.5305



70.7078, 79.5965, 89.3281

Complementary

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



79.0287, 79.5965, 98.3872



81.4159, 89.2926, 85.6211

Split Complementary

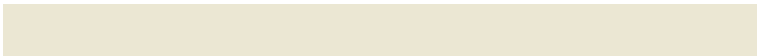
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



70.9162, 79.5965, 81.7994



79.0287, 79.5965, 98.3872



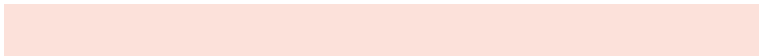
74.7380, 79.5965, 72.9730

Square

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



79.0287, 79.5965, 98.3872



79.6428, 79.5965, 77.4873



72.3769, 79.5965, 75.9167



71.8008, 79.5965, 96.5446

Rectangle

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



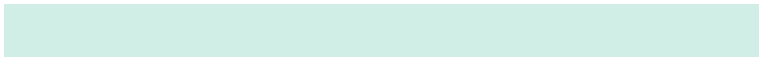
79.0287, 79.5965, 98.3872



80.9124, 79.5965, 86.5884



72.3769, 79.5965, 75.9167



70.6286, 79.5965, 86.7458

Sweetspot

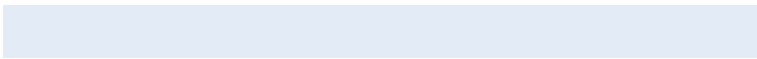
The Sweet Spot groups the original color and five complimentary colors.



79.0310, 79.5999, 98.3889



92.5612, 96.3337, 108.3235



78.3643, 83.0843, 99.0966



19.8380, 20.6578, 23.1917



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.



79.0310, 79.5999, 98.3889



84.2730, 84.2172, 106.4216



82.0634, 81.1687, 98.2774



16.4135, 16.3558, 20.8345



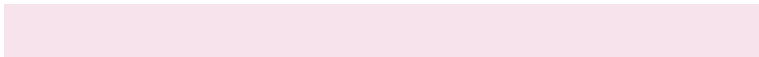
13.9114, 6.1459, 46.9911



1.3413, 0.6013, 4.1356

Inverse Universe

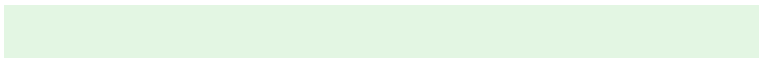
The Inverse Universe completely reimagines the original color for something new.



80.6182, 80.5907, 90.6673



86.2767, 85.4678, 96.6827



78.5461, 87.8081, 85.7151



16.8260, 16.6133, 18.8303



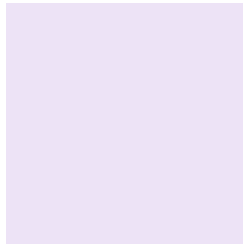
22.0556, 11.1657, 10.2669



1.9900, 1.0020, 1.1738

Previews

White Background



This preview shows how the XYZ color 79.0287, 79.5965, 98.3872 looks on a white background.

Color Contrast Check

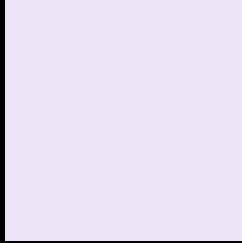
Large Text (above 18pt) WCAG AA × Fail

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 79.0287, 79.5965, 98.3872 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

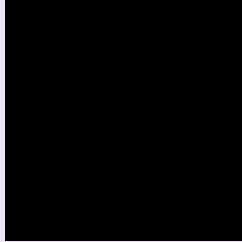
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

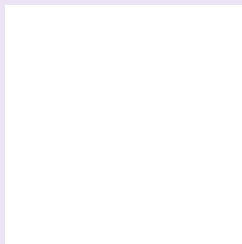
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.0287, 79.5965, 98.3872

Background



This preview shows how black text looks on a background with the XYZ color 79.0287, 79.5965, 98.3872.



This preview shows how white text looks on a background with the XYZ color 79.0287, 79.5965,

98.3872.

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

79.0287, 79.5965, 98.3872

Protanopia

77.4409, 79.5770, 99.2740

Deuteranopia

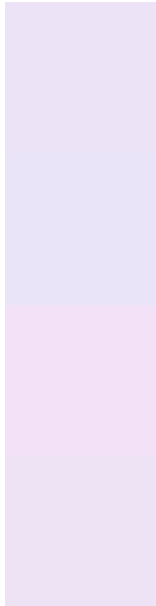
81.4502, 79.6195, 99.0709



Tritanopia

78.8756, 79.5353, 97.5809

Trichromacy



Original Color

79.0287, 79.5965, 98.3872

Protanomaly

78.1362, 79.5258, 99.2275

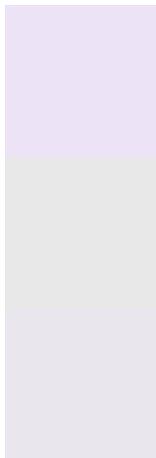
Deuteranomaly

80.6759, 79.6205, 99.1119

Tritanomaly

78.8756, 79.5353, 97.5809

Monochromacy



Original Color

79.0287, 79.5965, 98.3872

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

77.5146, 80.2005, 91.5155

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.0287, 79.5965, 98.3872 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(237, 227, 246)` looks like.

```
.text, #text, p{  
    color:rgb(237, 227, 246)  
}
```

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(237, 227, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 227, 246) }
```

Border

The CSS property to change the border of an element to XYZ 79.0287, 79.5965, 98.3872 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(237, 227, 246) }
```


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

```
.border{ border-color:rgb(237, 227, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 227, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 227, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 227, 246);  
box-shadow:4px 4px 4px 4px rgb(237, 227,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 79.0287, 79.5965, 98.3872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 227, 246) }
```

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

```
.background{ background-color: rgb(237,  
227, 246) }
```

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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