

Converting Colors

XYZ(79.0631, 79.8139,
101.3375)

Have a look what the booklet for
XYZ(79.0631, 79.8139, 101.3375)
contains.

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Color

**XYZ(79.2597, 80.0511,
101.7165)**

Conversions

Conversions Part 1

Format	Color
Hex	EBE4FA
RGB	235, 228, 250
RGB Percent	92%, 89%, 98%
CMY	0.0784, 0.1059, 0.0196
CMYK	0.06, 0.09, 0.00, 0.02
HSL	259°, 69%, 94%
HSV	259°, 9%, 98%
XYZ	79.2597, 80.0511, 101.7165
YIQ	232.6010, -2.8900, 8.3260

Conversions

Conversions Part 2

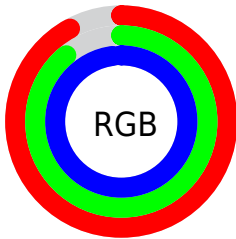
Format	Color
R _{YB}	235, 228, 250
Decimal	15459578
CIE Lab	91.71, 6.37, -9.81
CIE LCh	92, 11.694, 302.987
Yxy	80.0511, 0.3036, 0.3067
Android (android.graphics.Color)	4293649658 (0xFFEBE4FA)
YUV	232.6010, 8.5777, 2.1039
Hunter-Lab	89.4713, 1.5526, -4.7747

Details

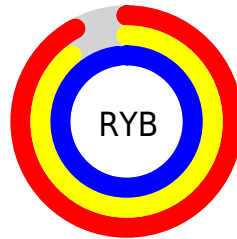
The XYZ color **79.2597, 80.0511, 101.7165** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.1543, 93.0295, 86.8711**, and the grayscale version is **77.0934, 81.1083, 88.3269**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.2716, 43.3659, 57.1287** is the 20% darker color. If you saturate the color by 10%, you get **67.5124, 64.5149, 99.3381**, and if you desaturate by 10%, it is **92.5456, 97.8611, 104.4552**.

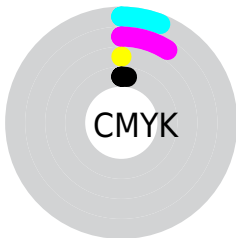
Distribution



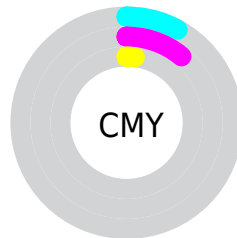
- Red (92%)
- Green (89%)
- Blue (98%)



- Red (92%)
- Yellow (89%)
- Blue (98%)



- Cyan (6%)
- Magenta (9%)
- Yellow (0%)
- Black (2%)



- Cyan (8%)
- Magenta (11%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.2597, 80.0511, 101.7165 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 79.2597, 80.0511, 101.7165 by changing the saturation by 10% instead.

79.2597, 80.0511,
101.7165

79.2597, 80.0511,
101.7165

481.2091,
495.1050, 586.9756

59.4157, 59.7604,
77.1100

131.2804,
133.4376, 165.5865

43.1955, 43.2255,
56.8310

164.1878,
167.3021, 205.6870

30.2337, 30.0621,
40.4611

202.1805,
206.4601, 251.7892

20.1650, 19.8857,
27.5818

245.6237,
251.2959, 304.3118

12.6240, 12.3120,
17.7743

294.8828,
302.1939, 363.6732

7.2454, 6.9565,
10.6203

350.3231,

3.6637, 3.4349,

359.5385, 430.2919

5.7012

412.3101,
423.7141, 504.5865

■ 1.5137, 1.3628,
2.5984

■ 0.3351, 0.1891,
0.8916

■ 79.2597, 80.0511,
101.7165

■ 79.2597, 80.0511,
101.7165

■ 67.5124, 64.5149,
99.3381

■ 92.5456, 97.8611,
104.4552

■ 57.2391, 51.1495,
97.2998

■ 94.2556, 99.6822,
104.7165

■ 48.3807, 39.8591,
95.5874

■ 40.8716, 30.5366,
94.1837

■ 34.6402, 23.0651,
93.0700

■ 29.6080, 17.3149,
92.2254

■ 25.6870, 13.1390,
91.6260

■ 22.7748, 10.3641,
91.2439

■ 20.7305, 8.7420,
91.0385

Harmonies

Analogous

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



76.3862, 80.0511, 104.6621



79.2597, 80.0511, 101.7165



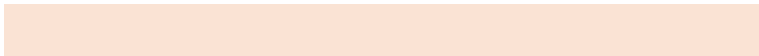
81.3244, 80.0511, 94.8570

Triad

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



79.2597, 80.0511, 101.7165



78.7276, 80.0511, 73.2995



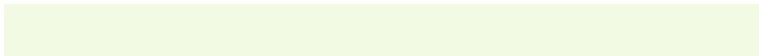
70.4876, 80.0511, 88.0230

Complementary

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



79.2597, 80.0511, 101.7165



85.1543, 93.0295, 86.8711

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.



71.0779, 80.0511, 79.8950



79.2597, 80.0511, 101.7165



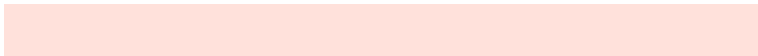
75.7869, 80.0511, 71.7303

Square

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



79.2597, 80.0511, 101.7165



81.0116, 80.0511, 78.5007



72.9985, 80.0511, 74.0667



71.3646, 80.0511, 96.4382

Rectangle

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



79.2597, 80.0511, 101.7165



81.9367, 80.0511, 89.1880



72.9985, 80.0511, 74.0667



70.5210, 80.0511, 85.1670

Sweetspot

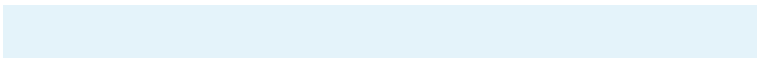
The Sweet Spot groups the original color and five complimentary colors.



79.2621, 80.0545, 101.7183



90.7646, 94.2398, 108.0140



81.3136, 87.5199, 103.0511



19.1876, 19.8496, 23.0700



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.



79.2621, 80.0545, 101.7183



80.0551, 79.9418, 105.8187



82.9956, 81.9792, 101.8930



16.8027, 16.9109, 21.7638



11.0176, 4.6225, 48.2851



1.1255, 0.4823, 4.4769

Inverse Universe

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



83.3482, 82.2854, 96.2877



85.3419, 82.8294, 98.7410



81.4815, 91.1361, 86.6992



17.7443, 17.4251, 20.5095



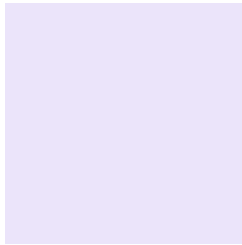
24.8530, 12.3569, 21.7320



2.3500, 1.1637, 2.2663

Previews

White Background



This preview shows how the XYZ color 79.2597, 80.0511, 101.7165 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 79.2597, 80.0511, 101.7165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

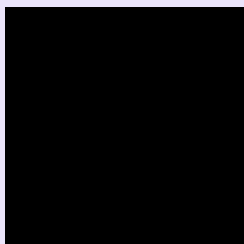
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.2597, 80.0511, 101.7165

Background



This preview shows how black text looks on a background with the XYZ color 79.2597, 80.0511, 101.7165.



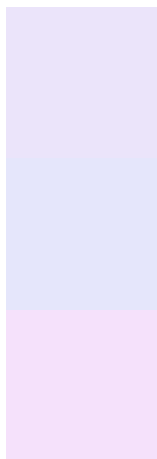
This preview shows how white text looks on a background with the XYZ color 79.2597, 80.0511,

101.7165.

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

79.2597, 80.0511, 101.7165

Protanopia

78.0225, 80.2167, 102.6379

Deuteranopia

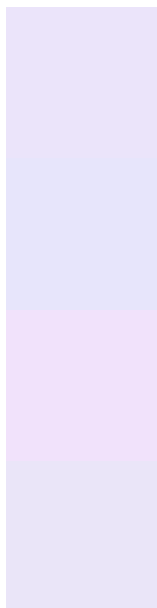
81.9940, 80.2279, 102.4308



Tritanopia

78.7395, 80.2464, 99.3348

Trichromacy



Original Color

79.2597, 80.0511, 101.7165

Protanomaly

78.3869, 79.9926, 102.5755

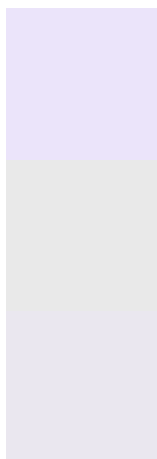
Deuteranomaly

80.8846, 80.0585, 102.4566

Tritanomaly

78.8943, 80.3084, 100.1498

Monochromacy



Original Color

79.2597, 80.0511, 101.7165

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

78.0876, 80.8762, 93.1564

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.2597, 80.0511, 101.7165 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(235, 228, 250)` looks like.

```
.text, #text, p{  
    color:rgb(235, 228, 250)  
}
```

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(235, 228, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 228, 250) }
```

Border

The CSS property to change the border of an element to XYZ 79.2597, 80.0511, 101.7165 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(235, 228, 250) }
```


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

```
.border{ border-color:rgb(235, 228, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 228, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 228, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 228, 250);  
box-shadow:4px 4px 4px 4px rgb(235, 228,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 79.2597, 80.0511, 101.7165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 228, 250) }
```

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

```
.background{ background-color: rgb(235,  
228, 250) }
```

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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