

Converting Colors

XYZ(79.1220, 80.5142, 96.1646)

Have a look what the booklet for
XYZ(79.1220, 80.5142, 96.1646)
contains.

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Color

**XYZ(79.1220, 80.5142,
96.1646)**

Conversions

Conversions Part 1

Format	Color
Hex	EDE5F3
RGB	237, 229, 243
RGB Percent	93%, 90%, 95%
CMY	0.0706, 0.1019, 0.0471
CMYK	0.02, 0.06, 0.00, 0.05
HSL	274°, 37%, 93%
HSV	274°, 6%, 95%
XYZ	79.1220, 80.5142, 96.1646
YIQ	232.9880, 0.2740, 6.0500

Conversions

Conversions Part 2

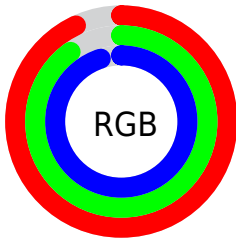
Format	Color
R _{YB}	237, 229, 243
Decimal	15590899
CIE Lab	91.92, 5.20, -5.83
CIE LCh	92, 7.811, 311.746
Yxy	80.5142, 0.3093, 0.3148
Android (android.graphics.Color)	4293780979 (0xFFE5F3)
YUV	232.9880, 4.9359, 3.5185
Hunter-Lab	89.7297, 0.3710, -0.7311

Details

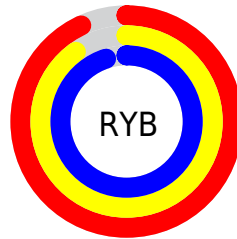
The XYZ color **79.1220, 80.5142, 96.1646** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **80.4574, 87.4226, 86.7665**, and the grayscale version is **77.4090, 81.4403, 88.6885**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.1617, 43.6837, 53.1706** is the 20% darker color. If you saturate the color by 10%, you get **69.4865, 66.2564, 93.9216**, and if you desaturate by 10%, it is **89.9054, 96.7653, 98.7342**.

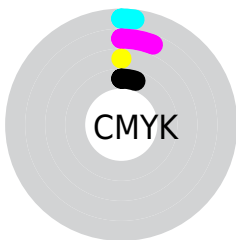
Distribution



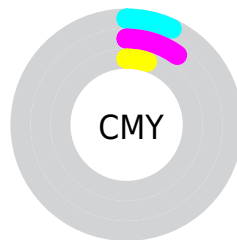
- Red (93%)
- Green (90%)
- Blue (95%)



- Red (93%)
- Yellow (90%)
- Blue (95%)



- Cyan (2%)
- Magenta (6%)
- Yellow (0%)
- Black (5%)



- Cyan (7%)
- Magenta (10%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.1220, 80.5142, 96.1646 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 79.1220, 80.5142, 96.1646 by changing the saturation by 10% instead.

79.1220, 80.5142,
96.1646

79.1220, 80.5142,
96.1646

480.7507,
496.6640, 568.9659

59.3021, 60.1416,
72.5024

131.0876,
134.0884, 157.8820

43.1037, 43.5328,
53.0799

163.9640,
168.0588, 196.7742

30.1613, 30.3034,
37.4784

201.9234,
207.3306, 241.5802

20.1098, 20.0690,
25.2794

245.3309,
252.2882, 292.7186

12.5836, 12.4452,
16.0644

294.5521,
303.3159, 350.6078

7.2174, 7.0476,
9.4149

349.9522,

3.6460, 3.4919,

360.7982, 415.6664

4.9123

411.8966,
425.1194, 488.3129

■ 1.5039, 1.3936,
2.1381

■ 0.3285, 0.2120,
0.6383

■ 79.1220, 80.5142,
96.1646

■ 79.1220, 80.5142,
96.1646

■ 69.4865, 66.2564,
93.9216

■ 89.9054, 96.7653,
98.7342

■ 60.9495, 53.9020,
91.9869

■ 93.1779, 99.2512,
99.0416

■ 53.4683, 43.3695,
90.3483

■ 46.9946, 34.5674,
88.9905

■ 41.4757, 27.3960,
87.8971

■ 36.8538, 21.7451,
87.0500

■ 33.0637, 17.4905,
86.4286

■ 30.0301, 14.4873,
86.0088

■ 27.6604, 12.5566,
85.7610

Harmonies

Analogous

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



77.3138, 80.5142, 98.9263



79.1220, 80.5142, 96.1646



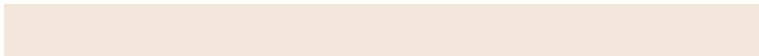
80.2462, 80.5142, 91.1703

Triad

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



79.1220, 80.5142, 96.1646



77.7402, 80.5142, 77.5935



72.8136, 80.5142, 89.9331

Complementary

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



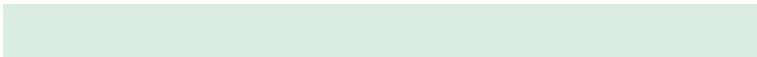
79.1220, 80.5142, 96.1646



80.4574, 87.4226, 86.7665

Split Complementary

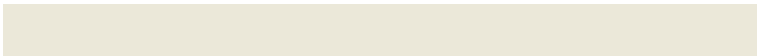
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.9233, 80.5142, 84.2532



79.1220, 80.5142, 96.1646



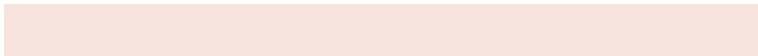
75.7442, 80.5142, 77.2948

Square

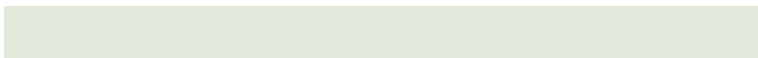
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.1220, 80.5142, 96.1646



79.4389, 80.5142, 80.5185



73.9881, 80.5142, 79.6840



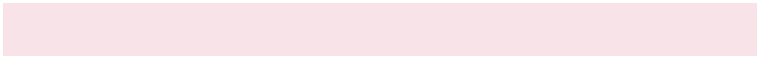
73.6859, 80.5142, 95.2250

Rectangle

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



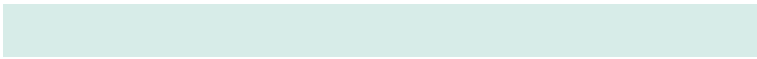
79.1220, 80.5142, 96.1646



80.4447, 80.5142, 87.3303



73.9881, 80.5142, 79.6840



72.7373, 80.5142, 88.0031

Sweetspot

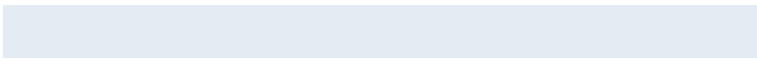
The Sweet Spot groups the original color and five complimentary colors.



79.1243, 80.5176, 96.1664



92.6448, 96.3768, 108.3274



78.2213, 82.5871, 96.6134



19.8550, 20.6666, 23.1925



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.



79.1243, 80.5176, 96.1664



86.8583, 87.7128, 106.9601



81.0208, 81.5116, 95.5213



16.8979, 17.0038, 20.9340



14.8645, 6.6372, 47.0357



1.4239, 0.6439, 4.1395

Inverse Universe

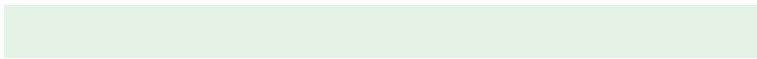
The Inverse Universe completely reimagines the original color for something new.



79.9797, 81.0951, 90.0389



88.0188, 88.4958, 98.6701



78.6402, 86.4707, 87.3634



17.1438, 17.1696, 19.1803



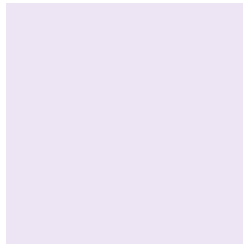
21.7267, 11.0341, 8.5353



1.9600, 0.9900, 1.0156

Previews

White Background



This preview shows how the XYZ color 79.1220, 80.5142, 96.1646 looks on a white background.

Color Contrast Check

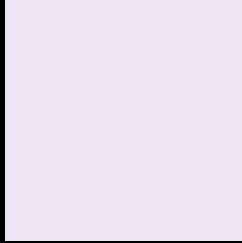
Large Text (above 18pt) WCAG AA × Fail

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 79.1220, 80.5142, 96.1646 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

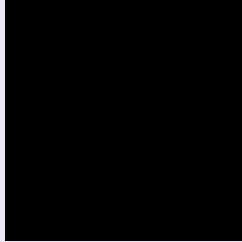
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

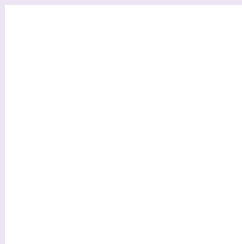
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.1220, 80.5142, 96.1646

Background



This preview shows how black text looks on a background with the XYZ color 79.1220, 80.5142, 96.1646.



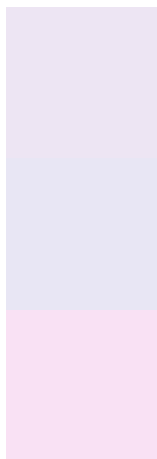
This preview shows how white text looks on a background with the XYZ color 79.1220, 80.5142,

96.1646.

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

79.1220, 80.5142, 96.1646

Protanopia

77.9047, 80.2811, 96.9777

Deuteranopia

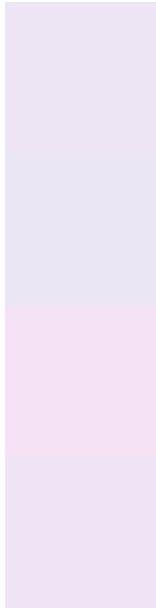
82.3213, 80.5218, 96.7914



Tritanopia

79.6379, 80.3178, 98.4943

Trichromacy



Original Color

79.1220, 80.5142, 96.1646

Protanomaly

78.5576, 80.6177, 97.0083

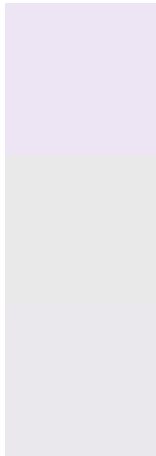
Deuteranomaly

81.1817, 80.3368, 96.8158

Tritanomaly

79.4847, 80.2565, 97.6880

Monochromacy



Original Color

79.1220, 80.5142, 96.1646

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

78.0744, 81.3201, 91.7021

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.1220, 80.5142, 96.1646 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, 229, 243) looks like.

```
.text, #text, p{  
    color:rgb(237, 229, 243)  
}
```

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, 229, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 229, 243) }
```

Border

The CSS property to change the border of an element to XYZ 79.1220, 80.5142, 96.1646 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, 229, 243) }
```


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

```
.border{ border-color:rgb(237, 229, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 229, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 229, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 229, 243);  
box-shadow:4px 4px 4px 4px rgb(237, 229,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 79.1220, 80.5142, 96.1646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 229, 243) }
```

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

```
.background{ background-color: rgb(237,  
229, 243) }
```

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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