

Converting Colors

XYZ(79.5479, 81.8369,
107.1359)

Have a look what the booklet for
XYZ(79.5479, 81.8369, 107.1359)
contains.

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Color

**XYZ(79.2197, 81.5912,
106.1811)**

Conversions

Conversions Part 1

Format	Color
Hex	E5E8FF
RGB	229, 232, 255
RGB Percent	90%, 91%, 100%
CMY	0.1020, 0.0902, 0.0000
CMYK	0.10, 0.09, 0.00, 0.00
HSL	233°, 100%, 95%
HSV	233°, 10%, 100%
XYZ	79.2197, 81.5912, 106.1811
YIQ	233.7250, -9.1710, 6.5170

Conversions

Conversions Part 2

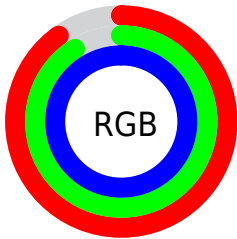
Format	Color
R _Y B	229, 232, 255
Decimal	15067391
CIE Lab	92.39, 3.33, -11.45
CIE LCh	92, 11.920, 286.219
Yxy	81.5912, 0.2967, 0.3056
Android (android.graphics.Color)	4293257471 (0xFFE5E8FF)
YUV	233.7250, 10.4886, -4.1438
Hunter-Lab	90.3278, -1.5249, -6.4664

Details

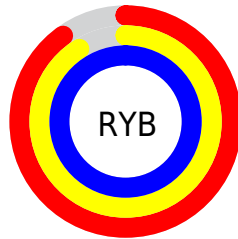
The XYZ color **79.2197, 81.5912, 106.1811** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **90.1926, 96.5362, 88.0100**, and the grayscale version is **77.9289, 81.9873, 89.2841**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.9520, 44.0121, 59.6575** is the 20% darker color. If you saturate the color by 10%, you get **65.7268, 65.8096, 103.8461**, and if you desaturate by 10%, it is **94.7268, 99.6251, 108.8447**.

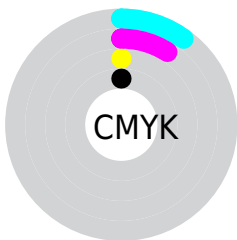
Distribution



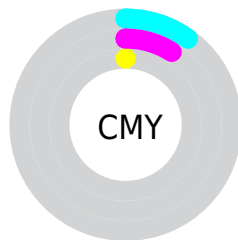
- Red (90%)
- Green (91%)
- Blue (100%)



- Red (90%)
- Yellow (91%)
- Blue (100%)



- Cyan (10%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (10%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.2197, 81.5912, 106.1811 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 79.2197, 81.5912, 106.1811 by changing the saturation by 10% instead.

■ 79.2197, 81.5912,
106.1811

■ 79.2197, 81.5912,
106.1811

481.0759,
500.2792, 601.2484

■ 59.3827, 61.0286,
80.8270

131.2244,
135.6006, 171.7515

■ 43.1688, 44.2483,
59.8690

164.1228,
169.8162, 212.8049

■ 30.2127, 30.8657,
42.8884

202.1058,
209.3516, 259.9285

■ 20.1490, 20.4966,
29.4668

245.5386,
254.5911, 313.5409

■ 12.6123, 12.7566,
19.1856

294.7867,
305.9193, 374.0605

■ 7.2373, 7.2611,
11.6263

350.2154,

■ 3.6586, 3.6259,

363.7204, 441.9059

6.3703

412.1900,
428.3790, 517.4957

■ 1.5108, 1.4666,
2.9991

■ 0.3332, 0.2650,
1.0942

■ 79.2197, 81.5912,
106.1811

■ 79.2197, 81.5912,
106.1811

■ 65.7268, 65.8096,
103.8461

94.7268, 99.6251,
108.8447

■ 54.1589, 52.1819,
101.8254

95.0500, 100.0000,
108.9000

■ 44.4298, 40.6174,
100.1060

■ 36.4441, 31.0149,
98.6734

■ 30.0978, 23.2649,
97.5120

■ 25.2757, 17.2466,
96.6045

■ 21.8473, 12.8251,
95.9317

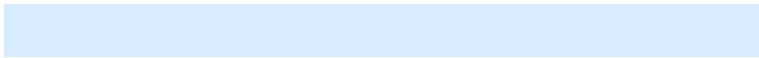
■ 19.6598, 9.8444,
95.4717

■ 18.5006, 8.1212,
95.2002

Harmonies

Analogous

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



76.1447, 81.5912, 106.3921



79.2197, 81.5912, 106.1811



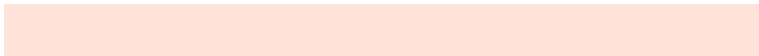
81.9148, 81.5912, 101.1270

Triad

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



79.2197, 81.5912, 106.1811



81.7296, 81.5912, 77.1225



71.9270, 81.5912, 84.8510

Complementary

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



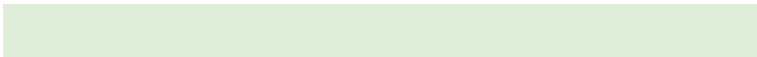
79.2197, 81.5912, 106.1811



90.1926, 96.5362, 88.0100

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.



73.3431, 81.5912, 77.5890



79.2197, 81.5912, 106.1811



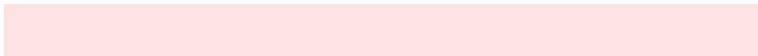
78.9724, 81.5912, 73.3311

Square

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



79.2197, 81.5912, 106.1811



83.3900, 81.5912, 84.1750



75.9039, 81.5912, 73.4960



71.9892, 81.5912, 93.6721

Rectangle

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



79.2197, 81.5912, 106.1811



83.1093, 81.5912, 95.8712



75.9039, 81.5912, 73.4960



72.2443, 81.5912, 82.1592

Sweetspot

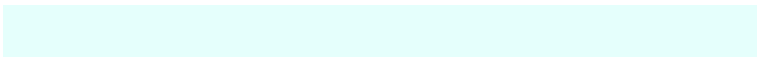
The Sweet Spot groups the original color and five complimentary colors.



79.2219, 81.5945, 106.1816



90.1706, 94.3364, 108.0640



85.6392, 95.2046, 105.9306



19.0278, 19.8754, 23.0834



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.



79.2219, 81.5945, 106.1816



76.6400, 78.5821, 105.7362



81.6557, 81.6050, 106.0554



17.1719, 17.7155, 22.7643



9.7202, 4.3499, 49.7619



0.9982, 0.5272, 4.8624

Inverse Universe

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



83.8261, 83.1263, 87.9747



81.9978, 80.3844, 84.5452



87.5713, 96.5959, 88.1597



18.0947, 18.0212, 19.1158



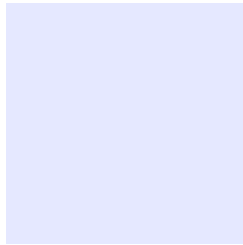
21.6945, 11.1671, 1.7757



2.1385, 1.0978, 0.3106

Previews

White Background



This preview shows how the XYZ color 79.2197, 81.5912, 106.1811 looks on a white background.

Color Contrast Check

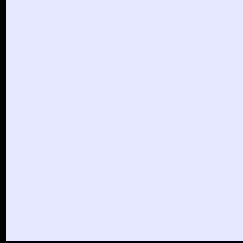
Large Text (above 18pt) WCAG AA × Fail

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 79.2197, 81.5912, 106.1811 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

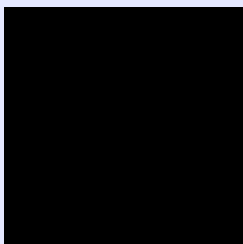
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.2197, 81.5912, 106.1811

Background



This preview shows how black text looks on a background with the XYZ color 79.2197, 81.5912, 106.1811.



This preview shows how white text looks on a background with the XYZ color 79.2197, 81.5912,

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

79.2197, 81.5912, 106.1811

Protanopia

79.5809, 81.3608, 106.1176

Deuteranopia

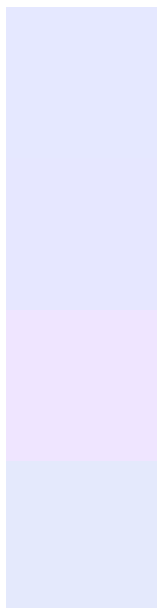
82.8273, 81.3913, 105.9524



Tritanopia

78.5464, 81.7368, 102.9037

Trichromacy



Original Color

79.2197, 81.5912, 106.1811

Protanomaly

79.2590, 81.1948, 106.1025

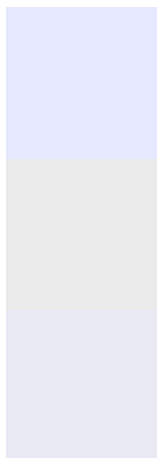
Deuteranomaly

81.6659, 81.6093, 106.0557

Tritanomaly

78.7045, 81.8001, 103.7363

Monochromacy



Original Color

79.2197, 81.5912, 106.1811

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

78.4446, 81.8444, 95.6675

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.2197, 81.5912, 106.1811 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(229, 232, 255) looks like.

```
.text, #text, p{  
    color:rgb(229, 232, 255)  
}
```

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(229, 232, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 232, 255) }
```

Border

The CSS property to change the border of an element to XYZ 79.2197, 81.5912, 106.1811 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(229, 232, 255) }
```


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

```
.border{ border-color:rgb(229, 232, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 232, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 232, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 232, 255);  
box-shadow:4px 4px 4px 4px rgb(229, 232,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 79.2197, 81.5912, 106.1811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 232, 255) }
```

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

```
.background{ background-color: rgb(229,  
232, 255) }
```

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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