

Converting Colors

XYZ(79.7953, 81.6191,
106.1561)

Have a look what the booklet for
XYZ(79.7953, 81.6191, 106.1561)
contains.

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Color

**XYZ(79.5809, 81.3608,
106.1176)**

Conversions

Conversions Part 1

Format	Color
Hex	E7E7FF
RGB	231, 231, 255
RGB Percent	91%, 91%, 100%
CMY	0.0941, 0.0941, 0.0000
CMYK	0.09, 0.09, 0.00, 0.00
HSL	240°, 100%, 95%
HSV	240°, 9%, 100%
XYZ	79.5809, 81.3608, 106.1176
YIQ	233.7360, -7.7040, 7.4640

Conversions

Conversions Part 2

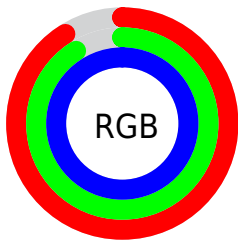
Format	Color
R _Y B	231, 231, 255
Decimal	15198207
CIE Lab	92.29, 4.48, -11.58
CIE LCh	92, 12.419, 291.163
Yxy	81.3608, 0.2980, 0.3047
Android (android.graphics.Color)	4293388287 (0xFFE7E7FF)
YUV	233.7360, 10.4832, -2.3995
Hunter-Lab	90.2002, -0.3653, -6.6126

Details

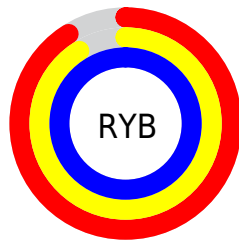
The XYZ color **79.5809, 81.3608, 106.1176** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **91.4230, 98.5474, 89.8058**, and the grayscale version is **77.9365, 81.9953, 89.2928**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.2022, 43.8511, 59.6132** is the 20% darker color. If you saturate the color by 10%, you get **65.3189, 64.1773, 103.5525**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

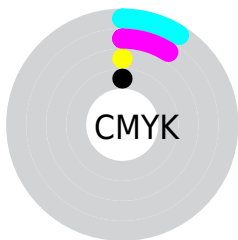
Distribution



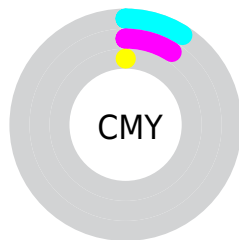
- Red (91%)
- Green (91%)
- Blue (100%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.5809, 81.3608, 106.1176 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 79.5809, 81.3608, 106.1176 by changing the saturation by 10% instead.

79.5809, 81.3608,
106.1176

79.5809, 81.3608,
106.1176

482.2774,
499.5071, 601.0466

59.6808, 60.8388,
80.7741

131.7300,
135.2773, 171.6640

43.4099, 44.0951,
59.8256

164.7096,
169.4405, 212.7040

30.4028, 30.7453,
42.8537

202.7799,
208.9196, 259.8132

20.2941, 20.4050,
29.4398

246.3061,
254.0990, 313.4102

12.7185, 12.6897,
19.1654

295.6536,
305.3630, 373.9135

7.3107, 7.2153,
11.6118

351.1878,

3.7052, 3.5971,

363.0961, 441.7416

6.3606

413.2739,
427.6827, 517.3131

■ 1.5367, 1.4508,
2.9933

■ 0.3506, 0.2537,
1.0912

■ 79.5809, 81.3608,
106.1176

■ 79.5809, 81.3608,
106.1176

■ 65.3189, 64.1773,
103.5525

95.0500, 100.0000,
108.9000

■ 53.1967, 49.5712,
101.3722

■ 43.1132, 37.4215,
99.5585

■ 34.9565, 27.5931,
98.0913

■ 28.6038, 19.9384,
96.9487

■ 23.9184, 14.2925,
96.1058

■ 20.7440, 10.4671,
95.5348

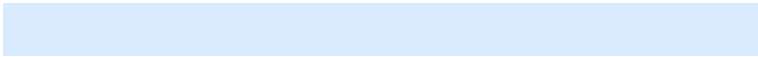
■ 18.8948, 8.2385,
95.2021

■ 18.0855, 7.2631,
95.0564

Harmonies

Analogous

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



76.3866, 81.3608, 107.2295



79.5809, 81.3608, 106.1176



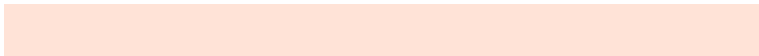
82.2394, 81.3608, 100.1430

Triad

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



79.5809, 81.3608, 106.1176



81.2669, 81.3608, 75.5193



71.3906, 81.3608, 85.8999

Complementary

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



79.5809, 81.3608, 106.1176



91.4230, 98.5474, 89.8058

Split Complementary

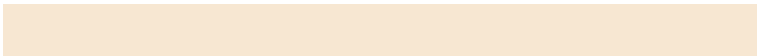
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.6219, 81.3608, 77.9580



79.5809, 81.3608, 106.1176



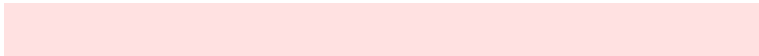
78.2832, 81.3608, 72.2430

Square

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



79.5809, 81.3608, 106.1176



83.2314, 81.3608, 82.3581



75.1239, 81.3608, 73.1038



71.7163, 81.3608, 95.1246

Rectangle

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



79.5809, 81.3608, 106.1176



83.3214, 81.3608, 94.4194



75.1239, 81.3608, 73.1038



71.6349, 81.3608, 83.0019

Sweetspot

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



79.5831, 81.3641, 106.1181



89.8996, 93.7943, 107.9736



86.7013, 95.7035, 108.1735



18.9551, 19.7299, 23.0592



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.



79.5831, 81.3641, 106.1181



77.1693, 78.4558, 105.6840



83.4511, 83.3567, 106.2988



17.0033, 17.3782, 22.7081



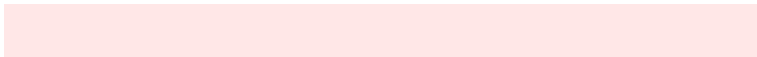
9.4318, 3.7732, 49.6658



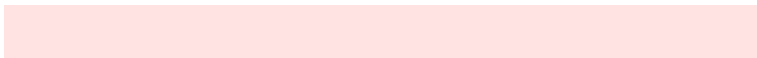
0.9184, 0.3675, 4.8358

Inverse Universe

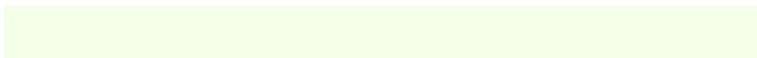
The Inverse Universe completely reimagines the original color for something new.



84.2410, 84.1828, 87.4143



82.5542, 81.7143, 84.0612



87.2848, 96.4157, 89.6125



18.0096, 17.9871, 18.6675



21.5489, 11.1089, 1.0093



2.0982, 1.0816, 0.0985

Previews

White Background



This preview shows how the XYZ color 79.5809, 81.3608, 106.1176 looks on a white background.

Color Contrast Check

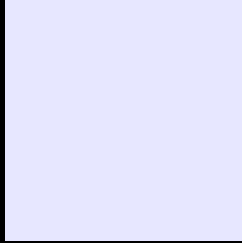
Large Text (above 18pt) WCAG AA × Fail

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 79.5809, 81.3608, 106.1176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

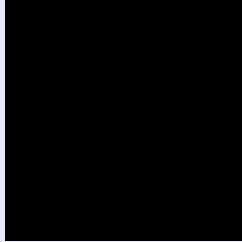
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.5809, 81.3608, 106.1176

Background



This preview shows how black text looks on a background with the XYZ color 79.5809, 81.3608, 106.1176.

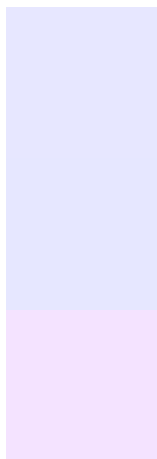


This preview shows how white text looks on a background with the XYZ color 79.5809, 81.3608,

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

79.5809, 81.3608, 106.1176

Protanopia

79.2590, 81.1948, 106.1025

Deuteranopia

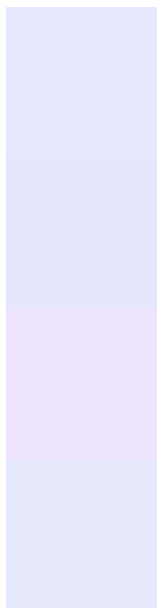
82.8273, 81.3913, 105.9524



Tritanopia

78.7451, 81.4383, 102.0113

Trichromacy



Original Color

79.5809, 81.3608, 106.1176

Protanomaly

79.2590, 81.1948, 106.1025

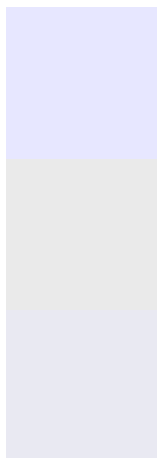
Deuteranomaly

81.3900, 81.0575, 105.9637

Tritanomaly

79.0604, 81.5645, 103.6721

Monochromacy



Original Color

79.5809, 81.3608, 106.1176

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

78.7702, 82.0123, 95.6827

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.5809, 81.3608, 106.1176 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(231, 231, 255)` looks like.

```
.text, #text, p{  
    color:rgb(231, 231, 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(231, 231, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 231, 255) }
```

Border

The CSS property to change the border of an element to XYZ 79.5809, 81.3608, 106.1176 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(231, 231, 255) }
```


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

```
.border{ border-color:rgb(231, 231, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 231, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 231, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 231, 255);  
box-shadow:4px 4px 4px 4px rgb(231, 231,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 79.5809, 81.3608, 106.1176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 231, 255) }
```

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

```
.background{ background-color: rgb(231,  
231, 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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