

Converting Colors

XYZ(79.6852, 82.2487,
106.2835)

Have a look what the booklet for
XYZ(79.6852, 82.2487, 106.2835)
contains.

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Color

**XYZ(79.8220, 82.3208,
106.2902)**

Conversions

Conversions Part 1

Format	Color
Hex	E6E9FF
RGB	230, 233, 255
RGB Percent	90%, 91%, 100%
CMY	0.0980, 0.0863, 0.0000
CMYK	0.10, 0.09, 0.00, 0.00
HSL	233°, 100%, 95%
HSV	233°, 10%, 100%
XYZ	79.8220, 82.3208, 106.2902
YIQ	234.6110, -8.8500, 6.2060

Conversions

Conversions Part 2

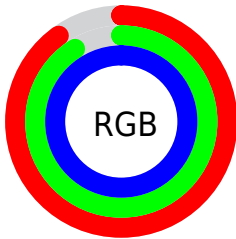
Format	Color
R_{YB}	230, 233, 255
Decimal	15133183
CIE Lab	92.72, 3.13, -10.96
CIE LCh	93, 11.396, 285.943
Yxy	82.3208, 0.2974, 0.3067
Android (android.graphics.Color)	4293323263 (0xFFE6E9FF)
YUV	234.6110, 10.0518, -4.0438
Hunter-Lab	90.7308, -1.7405, -5.9461

Details

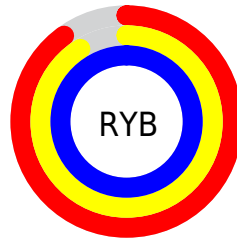
The XYZ color **79.8220, 82.3208, 106.2902** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **90.3326, 96.5920, 88.7475**, and the grayscale version is **78.6027, 82.6962, 90.0561**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.3707, 44.5202, 59.7334** is the 20% darker color. If you saturate the color by 10%, you get **66.2770, 66.5031, 103.9509**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

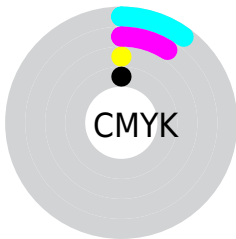
Distribution



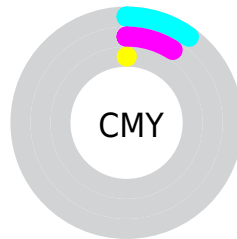
- Red (90%)
- Green (91%)
- Blue (100%)



- 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 79.8220, 82.3208, 106.2902 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 79.8220, 82.3208, 106.2902 by changing the saturation by 10% instead.

79.8220, 82.3208,
106.2902

79.8220, 82.3208,
106.2902

483.0784,
502.7201, 601.5949

59.8799, 61.6300,
80.9180

132.0673,
136.6238, 171.9018

43.5709, 44.7338,
59.9435

165.1011,
171.0048, 212.9783

30.5298, 31.2478,
42.9481

203.2296,
210.7179, 260.1267

20.3911, 20.7876,
29.5133

246.8180,
256.1476, 313.7654

12.7896, 12.9688,
19.2205

296.2317,
307.6783, 374.3130

7.3598, 7.4071,
11.6513

351.8362,

3.7364, 3.7180,

365.6944, 442.1882

6.3871

413.9966,
430.5802, 517.8093

■ 1.5541, 1.5171,
3.0093

■ 0.3622, 0.3007,
1.0994

■ 79.8220, 82.3208,
106.2902

■ 79.8220, 82.3208,
106.2902

■ 66.2770, 66.5031,
103.9509

95.0500, 100.0000,
108.9000

■ 54.6524, 52.8271,
101.9239

■ 44.8629, 41.2034,
100.1963

■ 36.8139, 31.5324,
98.7538

■ 30.4025, 23.7061,
97.5811

■ 25.5147, 17.6058,
96.6612

■ 22.0217, 13.0990,
95.9754

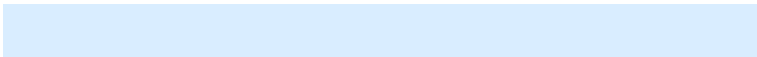
■ 19.7727, 10.0330,
95.5022

■ 18.5483, 8.2073,
95.2143

Harmonies

Analogous

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



76.8651, 82.3208, 106.4464



79.8220, 82.3208, 106.2902



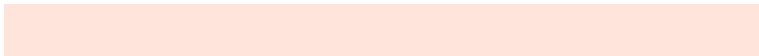
82.4180, 82.3208, 101.4892

Triad

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



79.8220, 82.3208, 106.2902



82.2805, 82.3208, 78.3901



72.8355, 82.3208, 85.7209

Complementary

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



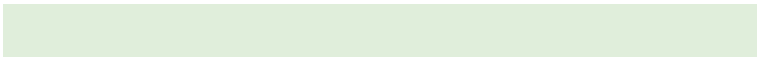
79.8220, 82.3208, 106.2902



90.3326, 96.5920, 88.7475

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.



74.2123, 82.3208, 78.7387



79.8220, 82.3208, 106.2902



79.6382, 82.3208, 74.6911

Square

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



79.8220, 82.3208, 106.2902



83.8618, 82.3208, 85.2172



76.6859, 82.3208, 74.8145



72.8819, 82.3208, 94.1996

Rectangle

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



79.8220, 82.3208, 106.2902



83.5728, 82.3208, 96.4643



76.6859, 82.3208, 74.8145



73.1456, 82.3208, 83.1327

Sweetspot

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



79.8242, 82.3242, 106.2907



90.1815, 94.3582, 108.0676



85.9117, 95.3505, 105.6954



19.0308, 19.8813, 23.0844



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.



79.8242, 82.3242, 106.2907



76.6790, 78.6601, 105.7492



82.0007, 82.1947, 106.1510



17.1788, 17.7291, 22.7666



9.7375, 4.3845, 49.7677



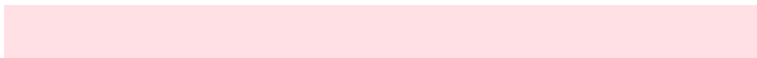
1.0014, 0.5336, 4.8635

Inverse Universe

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



84.2461, 83.7382, 88.8176



82.0175, 80.3923, 84.6488



87.9911, 96.7961, 88.9103



18.0981, 18.0226, 19.1339



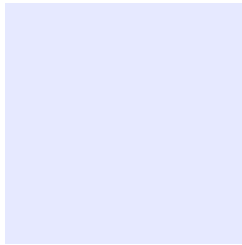
21.7032, 11.1706, 1.8217



2.1401, 1.0984, 0.3192

Previews

White Background



This preview shows how the XYZ color 79.8220, 82.3208, 106.2902 looks on a white background.

Color Contrast Check

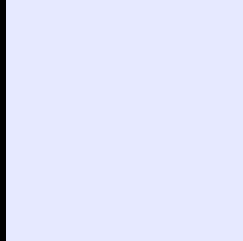
Large Text (above 18pt) WCAG AA × Fail

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 79.8220, 82.3208, 106.2902 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

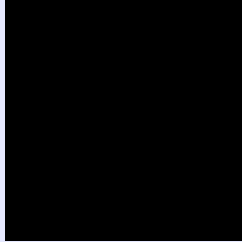
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.8220, 82.3208, 106.2902

Background



This preview shows how black text looks on a background with the XYZ color 79.8220, 82.3208, 106.2902.



This preview shows how white text looks on a background with the XYZ color 79.8220, 82.3208,

106.2902.

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

79.8220, 82.3208, 106.2902

Protanopia

80.1853, 82.0890, 106.2263

Deuteranopia

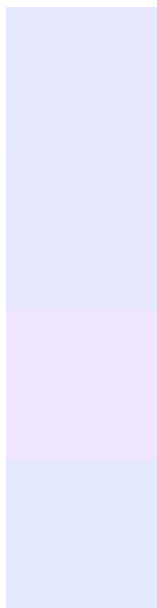
83.7994, 82.2996, 106.0765



Tritanopia

79.0227, 81.9641, 103.7512

Trichromacy



Original Color

79.8220, 82.3208, 106.2902

Protanomaly

79.8616, 81.9221, 106.2111

Deuteranomaly

82.2820, 82.3389, 106.1640

Tritanomaly

79.1816, 82.0277, 104.5881

Monochromacy



Original Color

79.8220, 82.3208, 106.2902

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

79.0541, 82.5801, 95.7774

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.8220, 82.3208, 106.2902 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(230, 233, 255)` looks like.

```
.text, #text, p{  
    color:rgb(230, 233, 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(230, 233, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 233, 255) }
```

Border

The CSS property to change the border of an element to XYZ 79.8220, 82.3208, 106.2902 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(230, 233, 255) }
```


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

```
.border{ border-color:rgb(230, 233, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 233, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 233, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 233, 255);  
box-shadow:4px 4px 4px 4px rgb(230, 233,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 79.8220, 82.3208, 106.2902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 233, 255) }
```

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

```
.background{ background-color: rgb(230,  
233, 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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