

Converting Colors

XYZ(79.6488, 82.1161,
102.0123)

Have a look what the booklet for
XYZ(79.6488, 82.1161, 102.0123)
contains.

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Color

**XYZ(79.6729, 82.3358,
102.1357)**

Conversions

Conversions Part 1

Format	Color
Hex	E8E9FA
RGB	232, 233, 250
RGB Percent	91%, 91%, 98%
CMY	0.0902, 0.0863, 0.0196
CMYK	0.07, 0.07, 0.00, 0.02
HSL	237°, 64%, 95%
HSV	237°, 7%, 98%
XYZ	79.6729, 82.3358, 102.1357
YIQ	234.6390, -6.0530, 5.0750

Conversions

Conversions Part 2

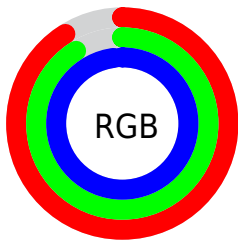
Format	Color
R _Y B	232, 233, 250
Decimal	15264250
CIE Lab	92.72, 2.81, -8.33
CIE LCh	93, 8.788, 288.635
Yxy	82.3358, 0.3016, 0.3117
Android (android.graphics.Color)	4293454330 (0xFFE8E9FA)
YUV	234.6390, 7.5730, -2.3144
Hunter-Lab	90.7391, -2.0625, -3.2193

Details

The XYZ color **79.6729, 82.3358, 102.1357** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **87.8656, 93.9005, 89.8388**, and the grayscale version is **78.6408, 82.7363, 90.0998**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.3642, 44.5694, 57.3562** is the 20% darker color. If you saturate the color by 10%, you get **65.8868, 65.9651, 99.7037**, and if you desaturate by 10%, it is **94.2556, 99.6822, 104.7166**.

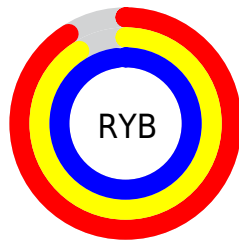
Distribution



Red (91%)

Green (91%)

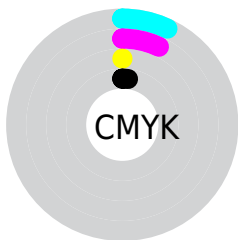
Blue (98%)



Red (91%)

Yellow (91%)

Blue (98%)

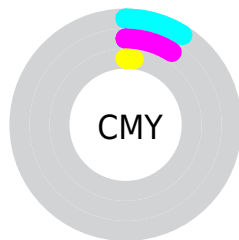


Cyan (7%)

Magenta (7%)

Yellow (0%)

Black (2%)



Cyan (9%)

Magenta (9%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.6729, 82.3358, 102.1357 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 79.6729, 82.3358, 102.1357 by changing the saturation by 10% instead.

■ 79.6729, 82.3358,
102.1357

■ 79.6729, 82.3358,
102.1357

482.5831,
502.7702, 588.3235

■ 59.7568, 61.6424,
77.4586

131.8587,
136.6448, 166.1664

■ 43.4713, 44.7438,
57.1155

164.8591,
171.0292, 206.3571

■ 30.4512, 31.2557,
40.6880

202.9515,
210.7460, 252.5561

■ 20.3311, 20.7936,
27.7575

246.5015,
256.1796, 305.1818

■ 12.7456, 12.9732,
17.9055

295.8743,
307.7144, 364.6529

■ 7.3294, 7.4101,
10.7134

351.4352,

■ 3.7171, 3.7199,

365.7349, 431.3878

5.7627

413.5497,
430.6254, 505.8052

■ 1.5434, 1.5181,
2.6349

■ 0.3551, 0.3014,
0.9104

■ 79.6729, 82.3358,
102.1357

■ 79.6729, 82.3358,
102.1357

■ 65.8868, 65.9651,
99.7037

94.2556, 99.6822,
104.7166

■ 54.0628, 51.8785,
97.6079

■ 44.1139, 39.9774,
95.8351

■ 35.9437, 30.1523,
94.3693

■ 29.4471, 22.2841,
93.1930

■ 24.5081, 16.2417,
92.2870

■ 20.9958, 11.8779,
91.6298

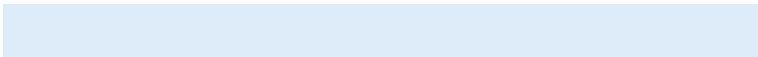
■ 18.7578, 9.0225,
91.1967

■ 17.6032, 7.4674,
90.9573

Harmonies

Analogous

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



77.3933, 82.3358, 102.5877



79.6729, 82.3358, 102.1357



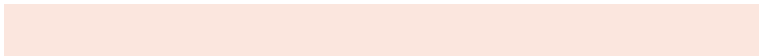
81.6086, 82.3358, 98.2429

Triad

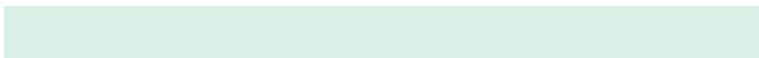
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.6729, 82.3358, 102.1357



81.2033, 82.3358, 80.5160



74.0204, 82.3358, 87.1879

Complementary

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



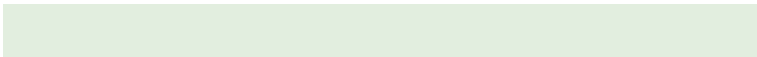
79.6729, 82.3358, 102.1357



87.8656, 93.9005, 89.8388

Split Complementary

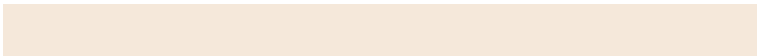
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.9999, 82.3358, 81.5728



79.6729, 82.3358, 102.1357



79.1285, 82.3358, 77.8479

Square

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



79.6729, 82.3358, 102.1357



82.5040, 82.3358, 85.6809



76.8594, 82.3358, 78.2251



74.1597, 82.3358, 93.7392

Rectangle

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



79.6729, 82.3358, 102.1357



82.4297, 82.3358, 94.3220



76.8594, 82.3358, 78.2251



74.2289, 82.3358, 85.1343

Sweetspot

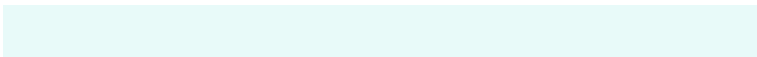
The Sweet Spot groups the original color and five complimentary colors.



79.6753, 82.3393, 102.1375



91.6815, 96.0114, 108.3077



84.5333, 92.3555, 102.8314



19.6589, 20.5922, 23.1885



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.



79.6753, 82.3393, 102.1375



80.5774, 82.8490, 106.3523



81.9805, 83.1070, 102.1642



16.3607, 16.7982, 21.7654



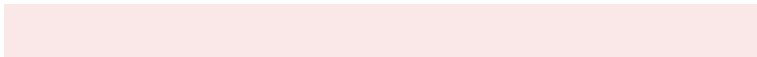
9.2670, 3.8897, 48.2359



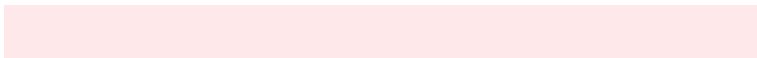
0.8848, 0.4132, 4.4763

Inverse Universe

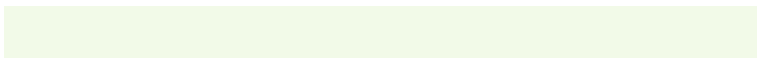
The Inverse Universe completely reimagines the original color for something new.



82.9908, 83.9220, 88.9194



84.8659, 84.9034, 89.2532



85.4390, 93.1114, 89.8144



17.2838, 17.2409, 18.0845



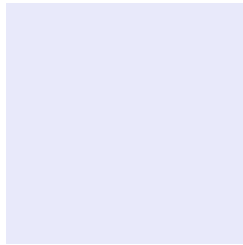
20.9696, 10.8036, 1.2824



1.9555, 1.0059, 0.1891

Previews

White Background



This preview shows how the XYZ color 79.6729, 82.3358, 102.1357 looks on a white background.

Color Contrast Check

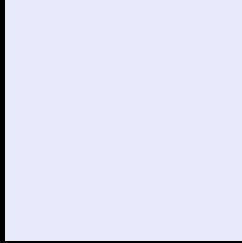
Large Text (above 18pt) WCAG AA × Fail

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 79.6729, 82.3358, 102.1357 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

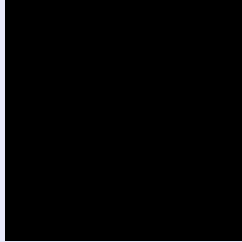
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.6729, 82.3358, 102.1357

Background



This preview shows how black text looks on a background with the XYZ color 79.6729, 82.3358, 102.1357.



This preview shows how white text looks on a background with the XYZ color 79.6729, 82.3358,

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

79.6729, 82.3358, 102.1357

Protanopia

80.3259, 82.6724, 102.1662

Deuteranopia

83.9486, 82.0429, 102.6781



Tritanopia

79.8302, 82.3987, 102.9638

Trichromacy



Original Color

79.6729, 82.3358, 102.1357

Protanomaly

79.9985, 82.5036, 102.1509

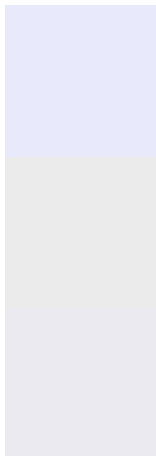
Deuteranomaly

82.3940, 82.0583, 102.7630

Tritanomaly

79.8302, 82.3987, 102.9638

Monochromacy



Original Color

79.6729, 82.3358, 102.1357

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

79.0827, 82.6293, 94.2190

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.6729, 82.3358, 102.1357 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(232, 233, 250) looks like.

```
.text, #text, p{  
    color:rgb(232, 233, 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(232, 233, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 233, 250) }
```

Border

The CSS property to change the border of an element to XYZ 79.6729, 82.3358, 102.1357 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(232, 233, 250) }
```


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

```
.border{ border-color:rgb(232, 233, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 233, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 233, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 233, 250);  
box-shadow:4px 4px 4px 4px rgb(232, 233,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 79.6729, 82.3358, 102.1357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 233, 250) }
```

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

```
.background{ background-color: rgb(232,  
233, 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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