

Converting Colors

XYZ(79.4168, 82.0109,
106.2517)

Have a look what the booklet for
XYZ(79.4168, 82.0109, 106.2517)
contains.

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Color

**XYZ(79.5020, 82.1558,
106.2752)**

Conversions

Conversions Part 1

Format	Color
Hex	E5E9FF
RGB	229, 233, 255
RGB Percent	90%, 91%, 100%
CMY	0.1020, 0.0863, 0.0000
CMYK	0.10, 0.09, 0.00, 0.00
HSL	231°, 100%, 95%
HSV	231°, 10%, 100%
XYZ	79.5020, 82.1558, 106.2752
YIQ	234.3120, -9.4460, 5.9940

Conversions

Conversions Part 2

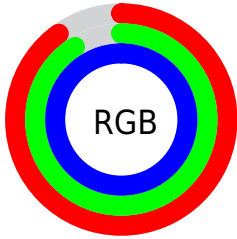
Format	Color
R_{YB}	229, 232, 255
Decimal	15067647
CIE _{Lab}	92.64, 2.81, -11.07
CIE _{LCh}	93, 11.425, 284.250
Yxy	82.1558, 0.2967, 0.3066
Android (android.graphics.Color)	4293257727 (0xFFE5E9FF)
YUV	234.3120, 10.1992, -4.6586
Hunter-Lab	90.6398, -2.0538, -6.0696

Details

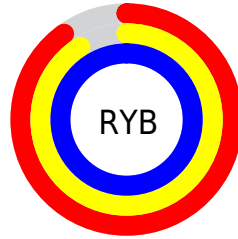
The XYZ color **79.5020, 82.1558, 106.2752** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **89.8794, 95.9097, 87.9056**, and the grayscale version is **78.3752, 82.4568, 89.7955**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.1488, 44.4057, 59.7231** is the 20% darker color. If you saturate the color by 10%, you get **66.2172, 66.7904, 104.0096**, and if you desaturate by 10%, it is **94.7329, 99.6373, 108.8467**.

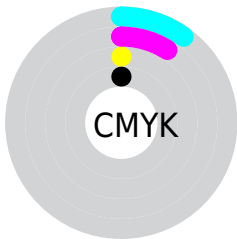
Distribution



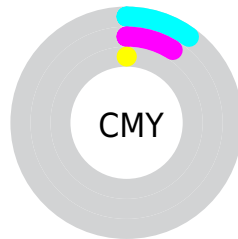
- Red (90%)
- Green (91%)
- Blue (100%)



- 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 79.5020, 82.1558, 106.2752 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 79.5020, 82.1558, 106.2752 by changing the saturation by 10% instead.

■ 79.5020, 82.1558,
106.2752

■ 79.5020, 82.1558,
106.2752

482.0151,
502.1687, 601.5473

■ 59.6157, 61.4940,
80.9055

131.6195,
136.3925, 171.8812

■ 43.3572, 44.6239,
59.9332

164.5815,
170.7361, 212.9545

■ 30.3612, 31.1613,
42.9399

202.6327,
210.4091, 260.0994

■ 20.2624, 20.7217,
29.5069

246.1385,
255.7959, 313.7345

■ 12.6953, 12.9207,
19.2157

295.4643,
307.2808, 374.2783

■ 7.2946, 7.3740,
11.6479

350.9754,

■ 3.6950, 3.6971,

365.2484, 442.1494

6.3848

413.0373,
430.0828, 517.7662

■ 1.5311, 1.5056,
3.0079

■ 0.3468, 0.2927,
1.0987

■ 79.5020, 82.1558,
106.2752

■ 79.5020, 82.1558,
106.2752

■ 66.2172, 66.7904,
104.0096

94.7329, 99.6373,
108.8467

■ 54.7933, 53.4506,
102.0368

95.0500, 100.0000,
108.9000

■ 45.1483, 42.0543,
100.3455

■ 37.1915, 32.5098,
98.9225

■ 30.8242, 24.7177,
97.7541

■ 25.9371, 18.5696,
96.8250

■ 22.4068, 13.9440,
96.1182

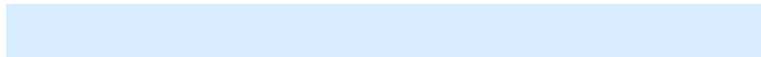
■ 20.0887, 10.7022,
95.6147

■ 18.7842, 8.6884,
95.2947

Harmonies

Analogous

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



76.5455, 82.1558, 106.1509



79.5020, 82.1558, 106.2752



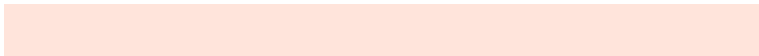
82.1431, 82.1558, 101.6984

Triad

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



79.5020, 82.1558, 106.2752



82.2526, 82.1558, 78.5109



72.7139, 82.1558, 85.0838

Complementary

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



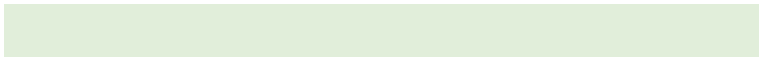
79.5020, 82.1558, 106.2752



89.8794, 95.9097, 87.9056

Split Complementary

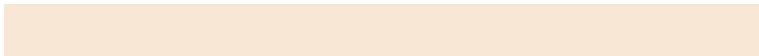
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.1659, 82.1558, 78.2336



79.5020, 82.1558, 106.2752



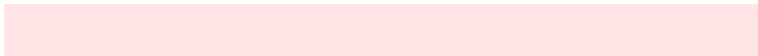
79.6483, 82.1558, 74.6062

Square

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



79.5020, 82.1558, 106.2752



83.7583, 82.1558, 85.4846



76.6881, 82.1558, 74.5080



72.6770, 82.1558, 93.5438

Rectangle

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



79.5020, 82.1558, 106.2752



83.3485, 82.1558, 96.7551



76.6881, 82.1558, 74.5080



73.0510, 82.1558, 82.5292

Sweetspot

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



79.5042, 82.1592, 106.2757



90.2613, 94.5177, 108.0942



85.4339, 95.1224, 104.8494



19.0522, 19.9241, 23.0915



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.



79.5042, 82.1592, 106.2757



76.9648, 79.2317, 105.8445



81.2185, 81.3796, 106.0349



17.2288, 17.8291, 22.7833



9.8819, 4.6734, 49.8158



1.0249, 0.5804, 4.8713

Inverse Universe

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



83.9686, 83.1833, 88.7251



82.1617, 80.4500, 85.4085



88.0265, 96.8306, 88.1810



18.1234, 18.0327, 19.2668



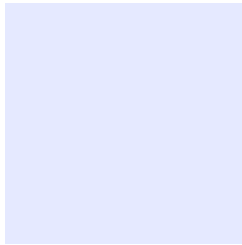
21.7761, 11.1997, 2.2057



2.1519, 1.1031, 0.3814

Previews

White Background



This preview shows how the XYZ color 79.5020, 82.1558, 106.2752 looks on a white background.

Color Contrast Check

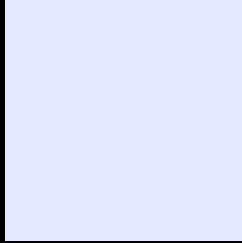
Large Text (above 18pt) WCAG AA × Fail

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 79.5020, 82.1558, 106.2752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

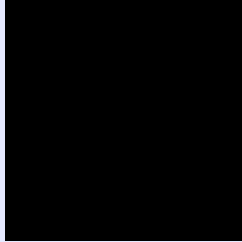
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.5020, 82.1558, 106.2752

Background



This preview shows how black text looks on a background with the XYZ color 79.5020, 82.1558, 106.2752.



This preview shows how white text looks on a background with the XYZ color 79.5020, 82.1558,

106.2752.

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

79.5020, 82.1558, 106.2752

Protanopia

80.0247, 82.0248, 105.3805

Deuteranopia

83.4496, 82.1193, 106.0601



Tritanopia

78.7045, 81.8001, 103.7363

Trichromacy



Original Color

79.5020, 82.1558, 106.2752

Protanomaly

79.7010, 81.8579, 105.3654

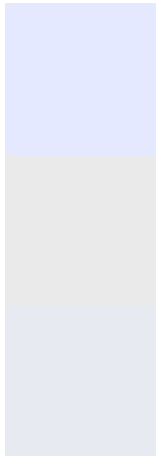
Deuteranomaly

81.9434, 82.1644, 106.1482

Tritanomaly

78.8634, 81.8637, 104.5732

Monochromacy



Original Color

79.5020, 82.1558, 106.2752

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

78.7285, 82.4122, 95.7621

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.5020, 82.1558, 106.2752 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, 233, 255) looks like.

```
.text, #text, p{  
    color:rgb(229, 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(229, 233, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 233, 255) }
```

Border

The CSS property to change the border of an element to XYZ 79.5020, 82.1558, 106.2752 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, 233, 255) }
```


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

```
.border{ border-color:rgb(229, 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(229, 233, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 233, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 233, 255);  
box-shadow:4px 4px 4px 4px rgb(229, 233,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 79.5020, 82.1558, 106.2752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 233, 255) }
```

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

```
.background{ background-color: rgb(229,  
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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