

Converting Colors

XYZ(86.3288, 85.4400,
142.7570)

Have a look what the booklet for
XYZ(86.3288, 85.4400, 142.7570)
contains.

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Color

**XYZ(79.4677, 82.5596,
106.3549)**

Conversions

Conversions Part 1

Format	Color
Hex	E4EAFF
RGB	228, 234, 255
RGB Percent	89%, 92%, 100%
CMY	0.1059, 0.0823, 0.0000
CMYK	0.11, 0.08, 0.00, 0.00
HSL	227°, 100%, 95%
HSV	227°, 11%, 100%
XYZ	79.4677, 82.5596, 106.3549
YIQ	234.6000, -10.3170, 5.2590

Conversions

Conversions Part 2

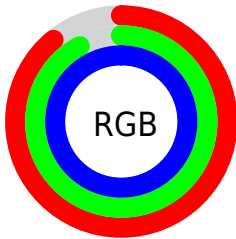
Format	Color
R_{YB}	228, 233, 255
Decimal	15002367
CIE Lab	92.82, 1.98, -10.82
CIE LCh	93, 10.997, 280.366
Yxy	82.5596, 0.2961, 0.3076
Android (android.graphics.Color)	4293192447 (0xFFE4EAF7)
YUV	234.6000, 10.0572, -5.7882
Hunter-Lab	90.8623, -2.8939, -5.7957

Details

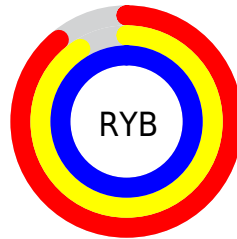
The XYZ color **79.4677, 82.5596, 106.3549** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **89.1186, 94.6110, 86.9650**, and the grayscale version is **78.5951, 82.6882, 90.0474**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.1267, 44.6887, 59.7788** is the 20% darker color. If you saturate the color by 10%, you get **66.6342, 68.0287, 104.2266**, and if you desaturate by 10%, it is **94.1306, 98.9761, 108.7508**.

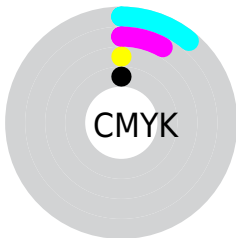
Distribution



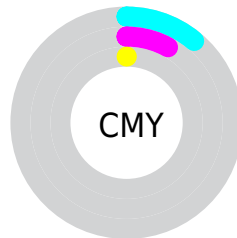
- Red (89%)
- Green (92%)
- Blue (100%)



- Red (89%)
- Yellow (91%)
- Blue (100%)



- Cyan (11%)
- Magenta (8%)
- Yellow (0%)
- Black (0%)



- Cyan (11%)
- Magenta (8%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.4677, 82.5596, 106.3549 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 79.4677, 82.5596, 106.3549 by changing the saturation by 10% instead.

■ 79.4677, 82.5596,
106.3549

■ 79.4677, 82.5596,
106.3549

481.9010,
503.5176, 601.8004

■ 59.5874, 61.8269,
80.9719

131.5715,
136.9585, 171.9910

■ 43.3343, 44.8929,
59.9876

164.5258,
171.3934, 213.0812

■ 30.3432, 31.3730,
42.9834

202.5687,
211.1646, 260.2442

■ 20.2486, 20.8831,
29.5408

246.0657,
256.6564, 313.8985

■ 12.6852, 13.0386,
19.2412

295.3820,
308.2532, 374.4628

■ 7.2876, 7.4551,
11.6661

350.8831,

■ 3.6905, 3.7483,

366.3394, 442.3555

6.3970

412.9344,
431.2994, 517.9952

■ 1.5286, 1.5338,
3.0153

■ 0.3452, 0.3123,
1.1024

■ 79.4677, 82.5596,
106.3549

■ 79.4677, 82.5596,
106.3549

■ 66.6342, 68.0287,
104.2266

94.1306, 98.9761,
108.7508

■ 55.5507, 55.3049,
102.3548

95.0500, 100.0000,
108.9000

■ 46.1417, 44.3191,
100.7303

■ 38.3236, 34.9940,
99.3424

■ 32.0051, 27.2457,
98.1798

■ 27.0855, 20.9833,
97.2304

■ 23.4509, 16.1053,
96.4804

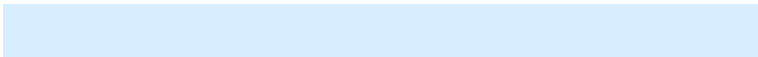
■ 20.9677, 12.4962,
95.9146

■ 19.4984, 10.1168,
95.5328

Harmonies

Analogous

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



76.6306, 82.5596, 105.6172



79.4677, 82.5596, 106.3549



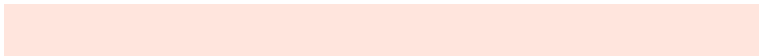
82.0994, 82.5596, 102.4820

Triad

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



79.4677, 82.5596, 106.3549



82.7510, 82.5596, 80.0400



73.3863, 82.5596, 84.6864

Complementary

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



79.4677, 82.5596, 106.3549



89.1186, 94.6110, 86.9650

Split Complementary

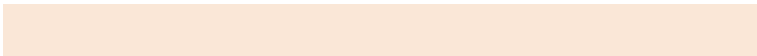
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.9499, 82.5596, 78.3803



79.4677, 82.5596, 106.3549



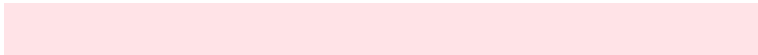
80.3395, 82.5596, 75.8131

Square

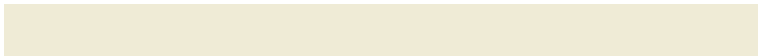
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.4677, 82.5596, 106.3549



84.0255, 82.5596, 87.0791



77.4815, 82.5596, 75.2246



73.1658, 82.5596, 92.7676

Rectangle

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



79.4677, 82.5596, 106.3549



83.3659, 82.5596, 97.9373



77.4815, 82.5596, 75.2246



73.7704, 82.5596, 82.3024

Sweetspot

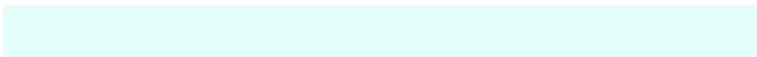
The Sweet Spot groups the original color and five complimentary colors.



79.4699, 82.5630, 106.3555



90.4228, 94.8408, 108.1480



84.8078, 94.8352, 103.2130



19.0956, 20.0110, 23.1060



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.



79.4699, 82.5630, 106.3555



76.2088, 78.8870, 105.8178



80.1215, 80.4045, 105.9045



17.3305, 18.0326, 22.8172



10.2782, 5.4661, 49.9479



1.0777, 0.6861, 4.8889

Inverse Universe

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



83.8360, 82.6888, 89.3878



81.4952, 79.0924, 85.2618



88.4046, 97.0416, 87.4718



18.1747, 18.0532, 19.5372



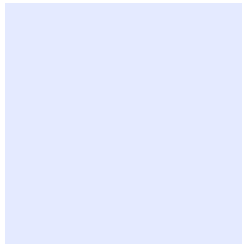
21.9762, 11.2798, 3.2591



2.1786, 1.1138, 0.5219

Previews

White Background



This preview shows how the XYZ color 79.4677, 82.5596, 106.3549 looks on a white background.

Color Contrast Check

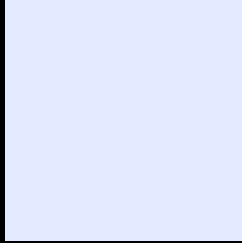
Large Text (above 18pt) WCAG AA × Fail

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 79.4677, 82.5596, 106.3549 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

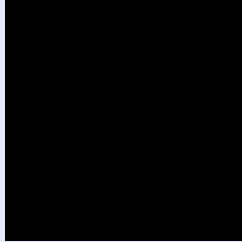
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.4677, 82.5596, 106.3549

Background



This preview shows how black text looks on a background with the XYZ color 79.4677, 82.5596, 106.3549.



This preview shows how white text looks on a background with the XYZ color 79.4677, 82.5596,

106.3549.

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

79.4677, 82.5596, 106.3549

Protanopia

80.6326, 82.7572, 105.4899

Deuteranopia

83.7994, 82.2996, 106.0765



Tritanopia

79.1473, 82.4315, 104.6679

Trichromacy



Original Color

79.4677, 82.5596, 106.3549

Protanomaly

79.9833, 82.4225, 105.4595

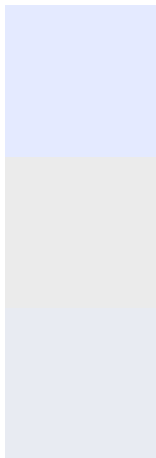
Deuteranomaly

81.9434, 82.1644, 106.1482

Tritanomaly

79.3071, 82.4954, 105.5092

Monochromacy



Original Color

79.4677, 82.5596, 106.3549

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

79.0141, 82.9833, 95.8573

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.4677, 82.5596, 106.3549 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(228, 234, 255) looks like.

```
.text, #text, p{  
    color:rgb(228, 234, 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(228, 234, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 234, 255) }
```

Border

The CSS property to change the border of an element to XYZ 79.4677, 82.5596, 106.3549 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(228, 234, 255) }
```


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

```
.border{ border-color:rgb(228, 234, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 234, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 234, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 234, 255);  
box-shadow:4px 4px 4px 4px rgb(228, 234,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 79.4677, 82.5596, 106.3549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 234, 255) }
```

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

```
.background{ background-color: rgb(228,  
234, 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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