

Converting Colors

XYZ(77.6796, 79.4764,
105.8541)

Have a look what the booklet for
XYZ(77.6796, 79.4764, 105.8541)
contains.

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Color

**XYZ(77.7479, 79.5895,
105.8723)**

Conversions

Conversions Part 1

Format	Color
Hex	E3E5FF
RGB	227, 229, 255
RGB Percent	89%, 90%, 100%
CMY	0.1098, 0.1019, 0.0000
CMYK	0.11, 0.10, 0.00, 0.00
HSL	236°, 100%, 95%
HSV	236°, 11%, 100%
XYZ	77.7479, 79.5895, 105.8723
YIQ	231.3660, -9.5380, 7.6620

Conversions

Conversions Part 2

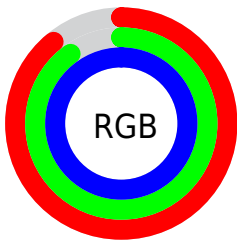
Format	Color
R_{YB}	227, 229, 255
Decimal	14935551
CIE _{Lab}	91.50, 4.25, -12.79
CIE _{LCh}	92, 13.481, 288.374
Yxy	79.5895, 0.2954, 0.3024
Android (android.graphics.Color)	4293125631 (0xFFE3E5FF)
YUV	231.3660, 11.6516, -3.8290
Hunter-Lab	89.2129, -0.5623, -7.9126

Details

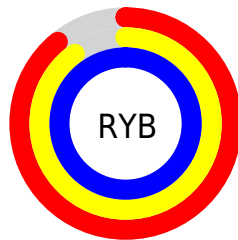
The XYZ color **77.7479, 79.5895, 105.8723** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **90.2299, 97.0550, 86.6526**, and the grayscale version is **76.1511, 80.1169, 87.2473**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.3424, 43.1200, 59.5174** is the 20% darker color. If you saturate the color by 10%, you get **64.1828, 63.5276, 103.4870**, and if you desaturate by 10%, it is **93.4017, 98.0587, 108.6122**.

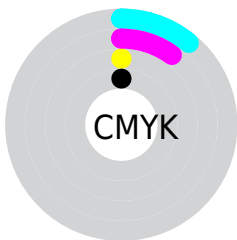
Distribution



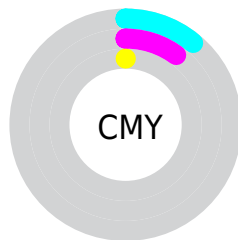
- Red (89%)
- Green (90%)
- Blue (100%)



- Red (89%)
- Yellow (90%)
- Blue (100%)



- Cyan (11%)
- Magenta (10%)
- Yellow (0%)
- Black (0%)



- Cyan (11%)
- Magenta (10%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.7479, 79.5895, 105.8723 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 77.7479, 79.5895, 105.8723 by changing the saturation by 10% instead.

■ 77.7479, 79.5895,
105.8723

■ 77.7479, 79.5895,
105.8723

476.1632,
493.5483, 600.2669

■ 58.1690, 59.3806,
80.5696

129.1619,
132.7884, 171.3259

■ 42.1883, 42.9196,
59.6583

161.7277,
166.5473, 212.3139

■ 29.4405, 29.8220,
42.7198

199.3532,
205.5916, 259.3675

■ 19.5603, 19.7035,
29.3355

242.4037,
250.3057, 312.9051

■ 12.1822, 12.1797,
19.0870

291.2446,
301.0740, 373.3453

■ 6.9410, 6.8662,
11.5557

346.2413,

■ 3.4712, 3.3786,

358.2810, 441.1066

6.3231

407.7590,
422.3110, 516.6077

■ 1.4076, 1.3324,
2.9706

■ 0.2616, 0.1661,
1.0796

■ 77.7479, 79.5895,
105.8723

■ 77.7479, 79.5895,
105.8723

■ 64.1828, 63.5276,
103.4870

■ 93.4017, 98.0587,
108.6122

■ 52.6121, 49.7644,
101.4403

■ 95.0500, 100.0000,
108.9000

■ 42.9433, 38.1978,
99.7173

■ 35.0746, 28.7138,
98.3014

■ 28.8943, 21.1884,
97.1746

■ 24.2783, 15.4842,
96.3169

■ 21.0855, 11.4461,
95.7057

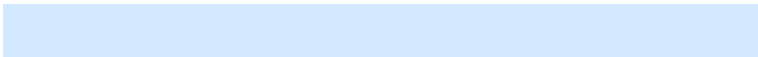
■ 19.1487, 8.8928,
95.3150

■ 18.2702, 7.6605,
95.1234

Harmonies

Analogous

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



74.3246, 79.5895, 106.5321



77.7479, 79.5895, 105.8723



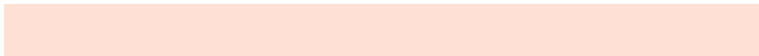
80.6911, 79.5895, 99.8371

Triad

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



77.7479, 79.5895, 105.8723



80.1187, 79.5895, 73.2791



69.3627, 79.5895, 82.9044

Complementary

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



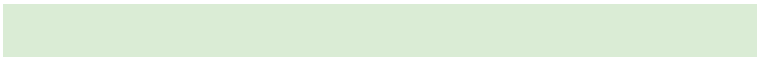
77.7479, 79.5895, 105.8723



90.2299, 97.0550, 86.6526

Split Complementary

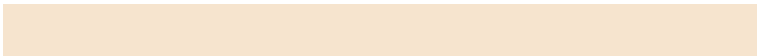
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



70.8185, 79.5895, 74.6956



77.7479, 79.5895, 105.8723



76.9858, 79.5895, 69.4259

Square

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



77.7479, 79.5895, 105.8723



82.0881, 79.5895, 80.8343



73.5851, 79.5895, 69.9240



69.5528, 79.5895, 92.7579

Rectangle

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



77.7479, 79.5895, 105.8723



81.9529, 79.5895, 93.8169



73.5851, 79.5895, 69.9240



69.6740, 79.5895, 79.8756

Sweetspot

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



77.7500, 79.5927, 105.8728



90.0671, 94.1295, 108.0295



85.1159, 94.9219, 106.4862



19.0001, 19.8198, 23.0742



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.



77.7500, 79.5927, 105.8728



74.8434, 76.1563, 105.3627



81.0044, 80.4525, 105.8672



17.1073, 17.5863, 22.7428



9.5843, 4.0782, 49.7166



0.9678, 0.4663, 4.8523

Inverse Universe

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



82.8533, 81.8569, 85.5656



80.8060, 78.8167, 81.6327



86.7031, 96.1804, 86.6697



18.0621, 18.0081, 18.9441



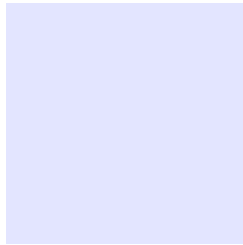
21.6259, 11.1397, 1.4145



2.1231, 1.0916, 0.2298

Previews

White Background



This preview shows how the XYZ color 77.7479, 79.5895, 105.8723 looks on a white background.

Color Contrast Check

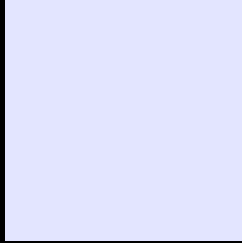
Large Text (above 18pt) WCAG AA × Fail

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 77.7479, 79.5895, 105.8723 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

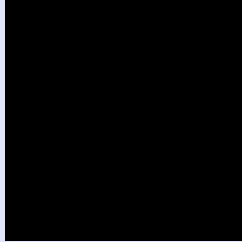
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.7479, 79.5895, 105.8723

Background



This preview shows how black text looks on a background with the XYZ color 77.7479, 79.5895, 105.8723.



This preview shows how white text looks on a background with the XYZ color 77.7479, 79.5895,

105.8723.

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

77.7479, 79.5895, 105.8723

Protanopia

77.7479, 79.5895, 105.8723

Deuteranopia

81.2508, 79.7712, 105.7227



Tritanopia

76.6041, 79.5397, 100.1222

Trichromacy



Original Color

77.7479, 79.5895, 105.8723

Protanomaly

77.7479, 79.5895, 105.8723

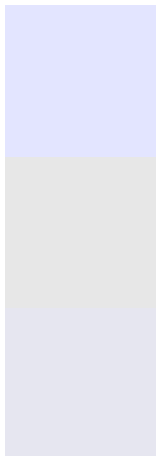
Deuteranomaly

79.8384, 79.4456, 105.7343

Tritanomaly

77.0734, 79.7274, 102.5935

Monochromacy



Original Color

77.7479, 79.5895, 105.8723

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

76.6581, 79.7079, 93.7829

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.7479, 79.5895, 105.8723 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(227, 229, 255)` looks like.

```
.text, #text, p{  
    color:rgb(227, 229, 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(227, 229, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 229, 255) }
```

Border

The CSS property to change the border of an element to XYZ 77.7479, 79.5895, 105.8723 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(227, 229, 255) }
```


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

```
.border{ border-color:rgb(227, 229, 255) }
```

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

Here you see how a box with a 4 pixel rgb(227, 229, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 229, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 229, 255);  
box-shadow:4px 4px 4px 4px rgb(227, 229,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 77.7479, 79.5895, 105.8723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 229, 255) }
```

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

```
.background{ background-color: rgb(227,  
229, 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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