

Converting Colors

XYZ(77.1798, 79.0683, 97.5801)

Have a look what the booklet for
XYZ(77.1798, 79.0683, 97.5801)
contains.

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Color

**XYZ(77.1798, 79.0683,
97.5801)**

Conversions

Conversions Part 1

Format	Color
Hex	E7E4F5
RGB	231, 228, 245
RGB Percent	91%, 89%, 96%
CMY	0.0941, 0.1059, 0.0392
CMYK	0.06, 0.07, 0.00, 0.04
HSL	251°, 46%, 93%
HSV	251°, 7%, 96%
XYZ	77.1798, 79.0683, 97.5801
YIQ	230.8350, -3.6690, 5.9230

Conversions

Conversions Part 2

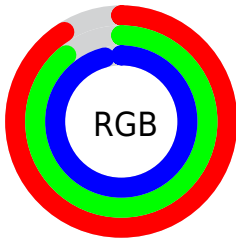
Format	Color
R _Y B	231, 228, 245
Decimal	15197429
CIE Lab	91.27, 4.12, -7.89
CIE LCh	91, 8.897, 297.596
Yxy	79.0683, 0.3041, 0.3115
Android (android.graphics.Color)	4293387509 (0xFFE7E4F5)
YUV	230.8350, 6.9833, 0.1447
Hunter-Lab	88.9204, -0.6788, -2.8199

Details

The XYZ color **77.1798, 79.0683, 97.5801** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.2769, 89.7856, 86.3439**, and the grayscale version is **75.7866, 79.7334, 86.8297**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.8081, 42.6752, 54.1777** is the 20% darker color. If you saturate the color by 10%, you get **64.7698, 63.3660, 95.2045**, and if you desaturate by 10%, it is **91.3005, 97.0746, 100.3126**.

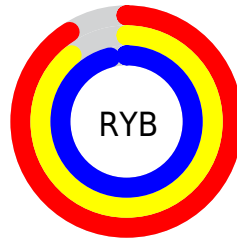
Distribution



Red (91%)

Green (89%)

Blue (96%)



Red (91%)

Yellow (89%)

Blue (96%)

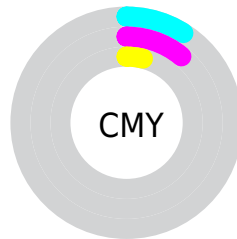


Cyan (6%)

Magenta (7%)

Yellow (0%)

Black (4%)



Cyan (9%)

Magenta (11%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.1798, 79.0683, 97.5801 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 77.1798, 79.0683, 97.5801 by changing the saturation by 10% instead.

■ 77.1798, 79.0683,
97.5801

■ 77.1798, 79.0683,
97.5801

474.2594,
491.7874, 573.5863

■ 57.7009, 58.9520,
73.6755

128.3648,
132.0550, 159.8504

■ 41.8106, 42.5745,
54.0333

160.8015,
165.6942, 199.0533

■ 29.1434, 29.5514,
38.2350

198.2883,
204.6097, 244.1927

■ 19.3342, 19.4983,
25.8619

241.1904,
249.1861, 295.6871

■ 12.0174, 12.0309,
16.4955

289.8732,
299.8076, 353.9552

■ 6.8278, 6.7647,
9.7173

344.7020,

■ 3.4000, 3.3154,

356.8588, 419.4154

5.1088

406.0423,
420.7239, 492.4862

■ 1.3687, 1.2985,
2.2514

■ 0.2337, 0.1401,
0.7038

■ 77.1798, 79.0683,
97.5801

■ 77.1798, 79.0683,
97.5801

■ 64.7698, 63.3660,
95.2045

■ 91.3005, 97.0746,
100.3126

■ 53.9982, 49.8646,
93.1662

■ 93.4817, 99.3727,
100.6412

■ 44.7978, 38.4682,
91.4514

■ 37.0939, 29.0697,
90.0434

■ 30.8056, 21.5524,
88.9238

■ 25.8444, 15.7878,
88.0726

■ 22.1112, 11.6306,
87.4670

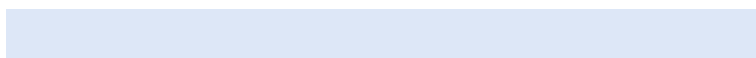
■ 19.4921, 8.9115,
87.0802

■ 17.8478, 7.4179,
86.8785

Harmonies

Analogous

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



74.9702, 79.0683, 99.1128



77.1798, 79.0683, 97.5801



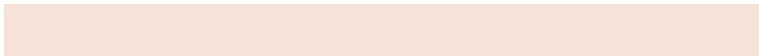
78.8749, 79.0683, 92.9238

Triad

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



77.1798, 79.0683, 97.5801



77.5011, 79.0683, 76.0216



70.9000, 79.0683, 85.5717

Complementary

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



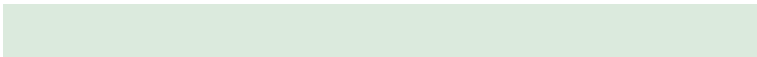
77.1798, 79.0683, 97.5801



83.2769, 89.7856, 86.3439

Split Complementary

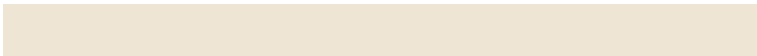
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.5482, 79.0683, 79.6034



77.1798, 79.0683, 97.5801



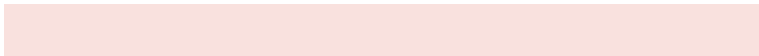
75.3342, 79.0683, 74.2645

Square

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



77.1798, 79.0683, 97.5801



79.0631, 79.0683, 80.4634



73.1601, 79.0683, 75.5428



71.3722, 79.0683, 91.9770

Rectangle

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



77.1798, 79.0683, 97.5801



79.4695, 79.0683, 88.7887



73.1601, 79.0683, 75.5428



70.9938, 79.0683, 83.4503

Sweetspot

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



77.1821, 79.0717, 97.5818



91.9159, 96.0010, 108.2933



80.2807, 86.6923, 98.8895



19.7066, 20.5901, 23.1856



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.



77.1821, 79.0717, 97.5818



82.9698, 84.6190, 106.5679



79.9368, 80.4917, 97.7108



15.8535, 16.0671, 20.8083



9.5003, 3.8719, 46.7847



0.9098, 0.3789, 4.1154

Inverse Universe

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



81.4294, 81.3136, 95.4118



88.3102, 87.4384, 103.8235



80.4809, 88.3442, 86.2131



17.0809, 16.7152, 20.1725



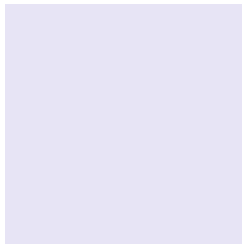
26.0635, 12.7688, 31.3722



2.3229, 1.1351, 2.9267

Previews

White Background



This preview shows how the XYZ color 77.1798, 79.0683, 97.5801 looks on a white background.

Color Contrast Check

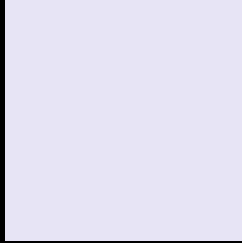
Large Text (above 18pt) WCAG AA × Fail

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 77.1798, 79.0683, 97.5801 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

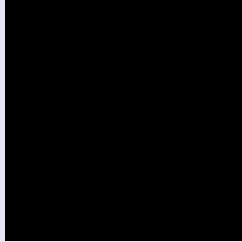
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.1798, 79.0683, 97.5801

Background



This preview shows how black text looks on a background with the XYZ color 77.1798, 79.0683, 97.5801.



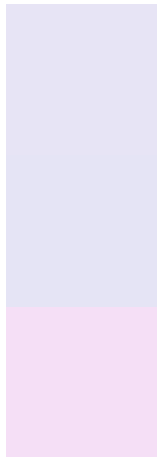
This preview shows how white text looks on a background with the XYZ color 77.1798, 79.0683,

97.5801.

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

77.1798, 79.0683, 97.5801

Protanopia

76.5379, 78.7374, 97.5501

Deuteranopia

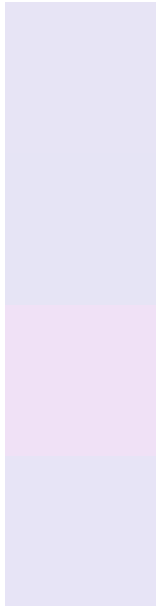
80.6784, 78.8417, 98.1545



Tritanopia

77.3330, 79.1296, 98.3864

Trichromacy



Original Color

77.1798, 79.0683, 97.5801

Protanomaly

76.8580, 78.9024, 97.5650

Deuteranomaly

79.4949, 79.0295, 98.2532

Tritanomaly

77.3330, 79.1296, 98.3864

Monochromacy



Original Color

77.1798, 79.0683, 97.5801

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

76.3921, 79.6387, 90.7024

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.1798, 79.0683, 97.5801 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(231, 228, 245) looks like.

```
.text, #text, p{  
    color:rgb(231, 228, 245)  
}
```

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(231, 228, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 228, 245) }
```

Border

The CSS property to change the border of an element to XYZ 77.1798, 79.0683, 97.5801 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(231, 228, 245) }
```


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

```
.border{ border-color:rgb(231, 228, 245) }
```

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

Here you see how a box with a 4 pixel rgb(231, 228, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 228, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 228, 245);  
box-shadow:4px 4px 4px 4px rgb(231, 228,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 77.1798, 79.0683, 97.5801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 228, 245) }
```

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

```
.background{ background-color: rgb(231,  
228, 245) }
```

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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