

Converting Colors

XYZ(81.1578, 81.0893, 99.2100)

Have a look what the booklet for
XYZ(81.1578, 81.0893, 99.2100)
contains.

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Color

**XYZ(81.1499, 81.0795,
99.3685)**

Conversions

Conversions Part 1

Format	Color
Hex	F2E4F7
RGB	242, 228, 247
RGB Percent	95%, 89%, 97%
CMY	0.0510, 0.1059, 0.0314
CMYK	0.02, 0.08, 0.00, 0.03
HSL	284°, 54%, 93%
HSV	284°, 8%, 97%
XYZ	81.1499, 81.0795, 99.3685
YIQ	234.3520, 2.2450, 8.8770

Conversions

Conversions Part 2

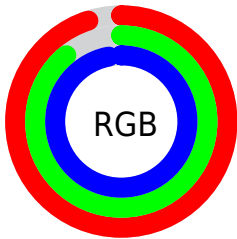
Format	Color
R _Y B	242, 228, 247
Decimal	15918327
CIE Lab	92.17, 8.10, -7.50
CIE LCh	92, 11.039, 317.195
Yxy	81.0795, 0.3102, 0.3099
Android (android.graphics.Color)	4294108407 (0xFF2E4F7)
YUV	234.3520, 6.2355, 6.7073
Hunter-Lab	90.0442, 3.2911, -2.3987

Details

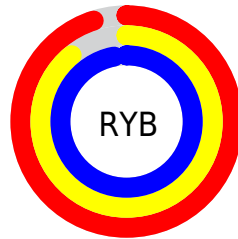
The XYZ color **81.1499, 81.0795, 99.3685** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **80.8716, 89.4487, 86.4059**, and the grayscale version is **78.4285, 82.5129, 89.8565**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.5972, 44.0878, 55.4495** is the 20% darker color. If you saturate the color by 10%, you get **72.6434, 67.3193, 97.1621**, and if you desaturate by 10%, it is **90.7111, 96.8289, 101.9057**.

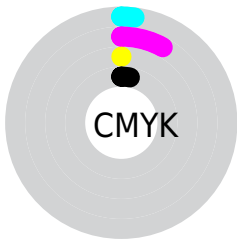
Distribution



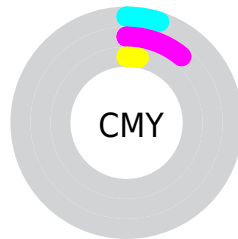
- Red (95%)
- Green (89%)
- Blue (97%)



- Red (95%)
- Yellow (89%)
- Blue (97%)



- Cyan (2%)
- Magenta (8%)
- Yellow (0%)
- Black (3%)



- Cyan (5%)
- Magenta (11%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.1499, 81.0795, 99.3685 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 81.1499, 81.0795, 99.3685 by changing the saturation by 10% instead.

81.1499, 81.0795,
99.3685

81.1499, 81.0795,
99.3685

487.4774,
498.5634, 579.3955

60.9768, 60.6071,
75.1593

133.9233,
134.8824, 162.3334

44.4589, 43.9081,
55.2409

167.2543,
168.9816, 201.9262

31.2309, 30.5983,
39.1947

205.7019,
208.3920, 247.4839

20.9274, 20.2932,
26.6022

249.6315,
253.4978, 299.4251

13.1831, 12.6083,
17.0449

299.4086,
304.6834, 358.1683

7.6326, 7.1594,
10.1042

355.3983,

3.9106, 3.5620,

362.3333, 424.1321

5.3616

417.9661,
426.8318, 497.7350

■ 1.6517, 1.4317,
2.3985

■ 0.4257, 0.2399,
0.7856

■ 81.1499, 81.0795,
99.3685

■ 81.1499, 81.0795,
99.3685

■ 72.6434, 67.3193,
97.1621

■ 90.7111, 96.8289,
101.9057

■ 65.1429, 55.4557,
95.2675

■ 93.7887, 99.4955,
102.2582

■ 58.6059, 45.4039,
93.6718

■ 52.9843, 37.0687,
92.3593

■ 48.2253, 30.3460,
91.3125

■ 44.2706, 25.1202,
90.5122

■ 41.0537, 21.2600,
89.9367

■ 38.4969, 18.6110,
89.5601

■ 36.4965, 16.9671,
89.3483

Harmonies

Analogous

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



78.6933, 81.0795, 104.1209



81.1499, 81.0795, 99.3685



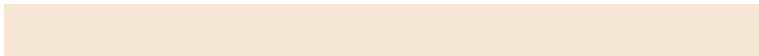
82.5256, 81.0795, 91.8020

Triad

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



81.1499, 81.0795, 99.3685



78.2832, 81.0795, 73.8601



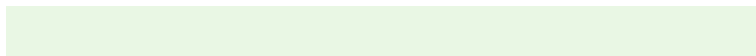
71.9517, 81.0795, 92.9980

Complementary

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



81.1499, 81.0795, 99.3685



80.8716, 89.4487, 86.4059

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.



71.8481, 81.0795, 84.8527



81.1499, 81.0795, 99.3685



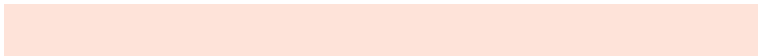
75.4567, 81.0795, 74.1365

Square

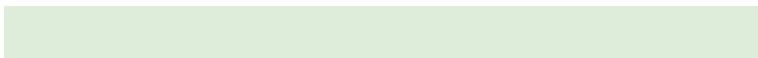
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



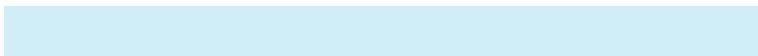
81.1499, 81.0795, 99.3685



80.8433, 81.0795, 77.2723



73.1169, 81.0795, 78.0520



73.4036, 81.0795, 100.2903

Rectangle

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



81.1499, 81.0795, 99.3685



82.6230, 81.0795, 86.3327



73.1169, 81.0795, 78.0520



71.7594, 81.0795, 90.2600

Sweetspot

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



81.1523, 81.0830, 99.3703



92.9524, 96.5354, 108.3418



77.9445, 81.5286, 99.6253



19.9177, 20.6988, 23.1955



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.



81.1523, 81.0830, 99.3703



85.9732, 85.0937, 106.5012



82.2159, 81.7094, 95.8915



16.7632, 16.5361, 20.8508



19.2210, 8.8831, 47.2396



1.7856, 0.8304, 4.1564

Inverse Universe

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



80.8120, 81.1478, 88.4986



85.5566, 85.1797, 92.8906



79.8857, 88.8685, 89.6134



16.6782, 16.5541, 18.0519



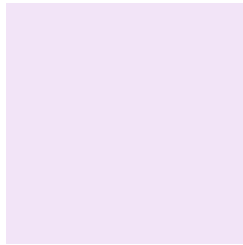
20.8404, 10.6796, 3.8680



1.8723, 0.9549, 0.5541

Previews

White Background



This preview shows how the XYZ color 81.1499, 81.0795, 99.3685 looks on a white background.

Color Contrast Check

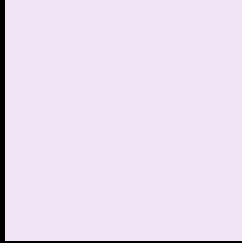
Large Text (above 18pt) WCAG AA × Fail

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 81.1499, 81.0795, 99.3685 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

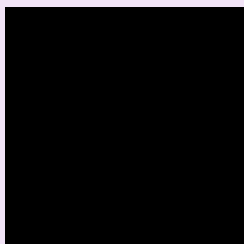
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

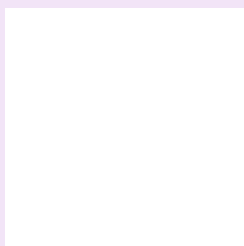
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.1499, 81.0795, 99.3685

Background



This preview shows how black text looks on a background with the XYZ color 81.1499, 81.0795, 99.3685.



This preview shows how white text looks on a background with the XYZ color 81.1499, 81.0795,

99.3685.

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

81.1499, 81.0795, 99.3685

Protanopia

78.9535, 81.1472, 101.1242

Deuteranopia

82.6963, 81.0646, 99.2842



Tritanopia

80.9959, 81.0179, 98.5578

Trichromacy



Original Color

81.1499, 81.0795, 99.3685

Protanomaly

79.8322, 81.2038, 100.2732

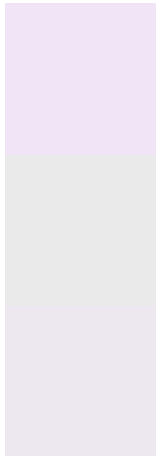
Deuteranomaly

82.2636, 81.2464, 99.3421

Tritanomaly

80.9959, 81.0179, 98.5578

Monochromacy



Original Color

81.1499, 81.0795, 99.3685

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

79.3617, 81.9497, 93.2964

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.1499, 81.0795, 99.3685 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(242, 228, 247) looks like.

```
.text, #text, p{  
    color:rgb(242, 228, 247)  
}
```

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(242, 228, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 228, 247) }
```

Border

The CSS property to change the border of an element to XYZ 81.1499, 81.0795, 99.3685 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(242, 228, 247) }
```


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

```
.border{ border-color:rgb(242, 228, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 228, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 228, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 228, 247);  
box-shadow:4px 4px 4px 4px rgb(242, 228,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 81.1499, 81.0795, 99.3685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 228, 247) }
```

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

```
.background{ background-color: rgb(242,  
228, 247) }
```

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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