

Converting Colors

XYZ(81.2183, 81.3794,
106.0349)

Have a look what the booklet for
XYZ(81.2183, 81.3794, 106.0349)
contains.

XYZ(81.3292, 81.4358, 106.0399)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(81.3292, 81.4358,
106.0399)**

Conversions

Conversions Part 1

Format	Color
Hex	EEE5FF
RGB	238, 229, 255
RGB Percent	93%, 90%, 100%
CMY	0.0667, 0.1019, 0.0000
CMYK	0.07, 0.10, 0.00, 0.00
HSL	261°, 100%, 95%
HSV	261°, 10%, 100%
XYZ	81.3292, 81.4358, 106.0399
YIQ	234.6550, -2.9820, 9.9940

Conversions

Conversions Part 2

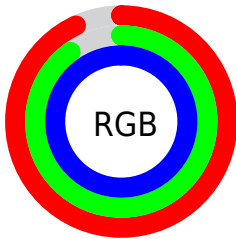
Format	Color
R _Y B	238, 229, 255
Decimal	15656447
CIE Lab	92.33, 7.77, -11.48
CIE LCh	92, 13.857, 304.088
Yxy	81.4358, 0.3026, 0.3030
Android (android.graphics.Color)	4293846527 (0xFFEEE5FF)
YUV	234.6550, 10.0301, 2.9336
Hunter-Lab	90.2418, 2.9476, -6.5003

Details

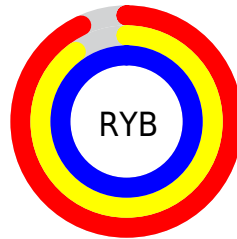
The XYZ color **81.3292, 81.4358, 106.0399** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **87.9109, 96.7709, 88.1781**, and the grayscale version is **78.6332, 82.7282, 90.0910**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.6205, 44.2944, 59.6240** is the 20% darker color. If you saturate the color by 10%, you get **69.4440, 65.5946, 103.6087**, and if you desaturate by 10%, it is **94.7736, 99.6237, 108.8419**.

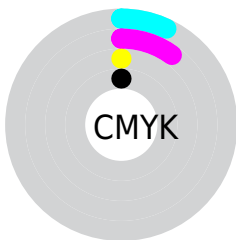
Distribution



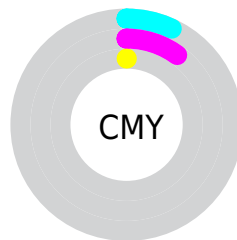
- Red (93%)
- Green (90%)
- Blue (100%)



- Red (93%)
- Yellow (90%)
- Blue (100%)



- Cyan (7%)
- Magenta (10%)
- Yellow (0%)
- Black (0%)



- Cyan (7%)
- Magenta (10%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.3292, 81.4358, 106.0399 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 81.3292, 81.4358, 106.0399 by changing the saturation by 10% instead.

81.3292, 81.4358,
106.0399

81.3292, 81.4358,
106.0399

488.0697,
499.7585, 600.7997

61.1250, 60.9006,
80.7093

134.1736,
135.3825, 171.5569

44.5790, 44.1449,
59.7726

167.5446,
169.5628, 212.5804

31.3258, 30.7845,
42.8113

206.0352,
209.0603, 259.6720

21.0001, 20.4348,
29.4068

250.0107,
254.2592, 313.2502

13.2365, 12.7115,
19.1405

299.8366,
305.5442, 373.7335

7.6697, 7.2302,
11.5940

355.8781,

3.9344, 3.6065,

363.2994, 441.5405

6.3487

418.5007,
427.9094, 517.0897

■ 1.6651, 1.4560,
2.9861

■ 0.4343, 0.2574,
1.0875

■ 81.3292, 81.4358,
106.0399

■ 81.3292, 81.4358,
106.0399

■ 69.4440, 65.5946,
103.6087

94.7736, 99.6237,
108.8419

■ 59.0525, 51.9927,
101.5309

95.0500, 100.0000,
108.9000

■ 50.0940, 40.5294,
99.7905

■ 42.5007, 31.0921,
98.3691

■ 36.1992, 23.5576,
97.2469

■ 31.1083, 17.7889,
96.4018

■ 27.1366, 13.6298,
95.8083

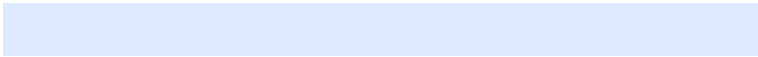
■ 24.1770, 10.8948,
95.4364

■ 22.0984, 9.3070,
95.2395

Harmonies

Analogous

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



77.8945, 81.4358, 109.8486



81.3292, 81.4358, 106.0399



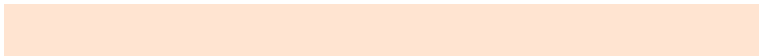
83.7677, 81.4358, 97.5771

Triad

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



81.3292, 81.4358, 106.0399



80.4530, 81.4358, 72.0760



70.7299, 81.4358, 90.0840

Complementary

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



81.3292, 81.4358, 106.0399



87.9109, 96.7709, 88.1781

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.



71.3678, 81.4358, 80.3217



81.3292, 81.4358, 106.0399



76.9121, 81.4358, 70.4046

Square

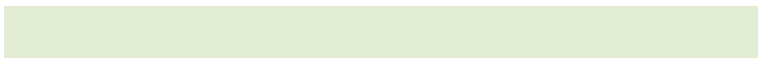
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.3292, 81.4358, 106.0399



83.2510, 81.4358, 78.0619



73.6039, 81.4358, 73.3083



71.8341, 81.4358, 100.1975

Rectangle

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



81.3292, 81.4358, 106.0399



84.4613, 81.4358, 90.7183



73.6039, 81.4358, 73.3083



70.7480, 81.4358, 86.6522

Sweetspot

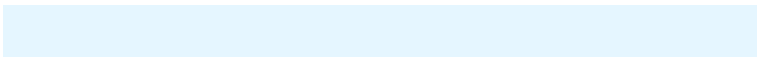
The Sweet Spot groups the original color and five complimentary colors.



81.3314, 81.4392, 106.0404



90.8414, 94.2793, 108.0176



83.4227, 89.9946, 107.5816



19.2082, 19.8603, 23.0710



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.



81.3314, 81.4392, 106.0404



79.0710, 78.4071, 105.5743



85.7349, 83.7092, 106.2465



17.5958, 17.6834, 22.7358



11.6910, 4.9374, 49.7714



1.2506, 0.5386, 4.8513

Inverse Universe

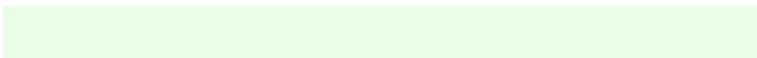
The Inverse Universe completely reimagines the original color for something new.



85.8960, 83.9557, 98.8696



84.3947, 81.3432, 97.1672



83.6183, 94.5580, 87.9772



18.5099, 18.1873, 21.3025



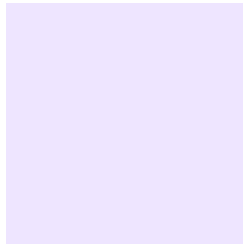
25.2543, 12.5910, 20.5217



2.5105, 1.2466, 2.2695

Previews

White Background



This preview shows how the XYZ color 81.3292, 81.4358, 106.0399 looks on a white background.

Color Contrast Check

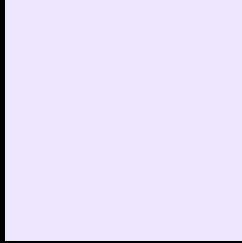
Large Text (above 18pt) WCAG AA × Fail

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 81.3292, 81.4358, 106.0399 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

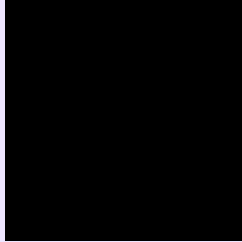
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.3292, 81.4358, 106.0399

Background



This preview shows how black text looks on a background with the XYZ color 81.3292, 81.4358, 106.0399.



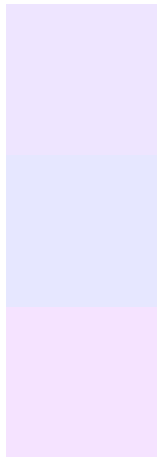
This preview shows how white text looks on a background with the XYZ color 81.3292, 81.4358,

106.0399.

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

81.3292, 81.4358, 106.0399

Protanopia

79.2590, 81.1948, 106.1025

Deuteranopia

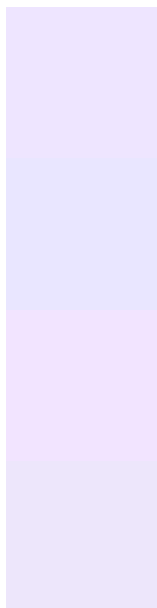
83.1753, 81.5706, 105.9686



Tritanopia

80.1651, 81.3755, 100.2888

Trichromacy



Original Color

81.3292, 81.4358, 106.0399

Protanomaly

79.9511, 81.1373, 106.0549

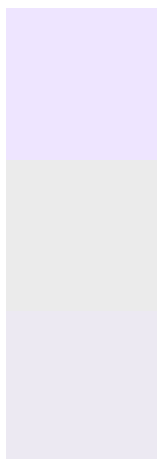
Deuteranomaly

82.4114, 81.5841, 106.0115

Tritanomaly

80.6345, 81.5632, 102.7602

Monochromacy



Original Color

81.3292, 81.4358, 106.0399

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

79.7580, 82.5215, 95.7289

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.3292, 81.4358, 106.0399 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(238, 229, 255)` looks like.

```
.text, #text, p{  
    color:rgb(238, 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(238, 229, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 229, 255) }
```

Border

The CSS property to change the border of an element to XYZ 81.3292, 81.4358, 106.0399 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(238, 229, 255) }
```


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

```
.border{ border-color:rgb(238, 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(238, 229, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 229, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 229, 255);  
box-shadow:4px 4px 4px 4px rgb(238, 229,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 81.3292, 81.4358, 106.0399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 229, 255) }
```

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

```
.background{ background-color: rgb(238,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor