

Converting Colors

XYZ(82.6538, 82.9471,
106.2618)

Have a look what the booklet for
XYZ(82.6538, 82.9471, 106.2618)
contains.

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Color

**XYZ(82.5611, 82.8971,
106.2570)**

Conversions

Conversions Part 1

Format	Color
Hex	F0E7FF
RGB	240, 231, 255
RGB Percent	94%, 91%, 100%
CMY	0.0588, 0.0941, 0.0000
CMYK	0.06, 0.09, 0.00, 0.00
HSL	262°, 100%, 95%
HSV	262°, 9%, 100%
XYZ	82.5611, 82.8971, 106.2570
YIQ	236.4270, -2.3400, 9.3720

Conversions

Conversions Part 2

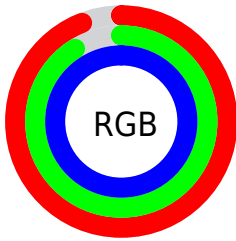
Format	Color
R_{YB}	240, 231, 255
Decimal	15788031
CIE _{Lab}	92.97, 7.37, -10.50
CIE _{LCh}	93, 12.832, 305.080
Yxy	82.8971, 0.3039, 0.3051
Android (android.graphics.Color)	4293978111 (0xFFFF0E7FF)
YUV	236.4270, 9.1565, 3.1335
Hunter-Lab	91.0478, 2.5279, -5.4607

Details

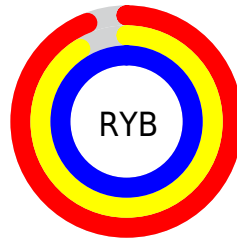
The XYZ color **82.5611, 82.8971, 106.2570** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **88.1919, 96.8833, 89.6575**, and the grayscale version is **79.9913, 84.1570, 91.6470**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.2902, 44.9275, 59.7109** is the 20% darker color. If you saturate the color by 10%, you get **70.7624, 66.9822, 103.8070**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

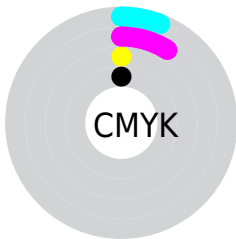
Distribution



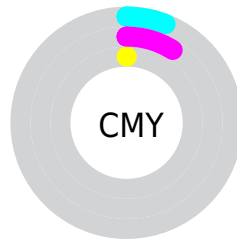
- Red (94%)
- Green (91%)
- Blue (100%)



- Red (94%)
- Yellow (91%)
- Blue (100%)



- Cyan (6%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (6%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.5611, 82.8971, 106.2570 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 82.5611, 82.8971, 106.2570 by changing the saturation by 10% instead.

82.5611, 82.8971,
106.2570

82.5611, 82.8971,
106.2570

492.1287,
504.6435, 601.4895

62.1438, 62.1053,
80.8903

135.8923,
137.4313, 171.8561

45.4050, 45.1178,
59.9208

169.5369,
171.9425, 212.9256

31.9792, 31.5502,
42.9299

208.3214,
211.7956, 260.0664

21.5010, 21.0182,
29.4991

252.6111,
257.3750, 313.6971

13.6053, 13.1373,
19.2099

302.7713,
309.0651, 374.2362

7.9265, 7.5231,
11.6437

359.1674,

4.0994, 3.7914,

367.2503, 442.1023

6.3820

422.1647,
432.3150, 517.7139

■ 1.7585, 1.5576,
3.0062

■ 0.4925, 0.3287,
1.0978

■ 82.5611, 82.8971,
106.2570

■ 82.5611, 82.8971,
106.2570

■ 70.7624, 66.9822,
103.8070

95.0500, 100.0000,
108.9000

■ 60.4196, 53.2926,
101.7098

■ 51.4743, 41.7290,
99.9493

■ 43.8611, 32.1807,
98.5075

■ 37.5093, 24.5266,
97.3649

■ 32.3407, 18.6320,
96.4995

■ 28.2674, 14.3438,
95.8865

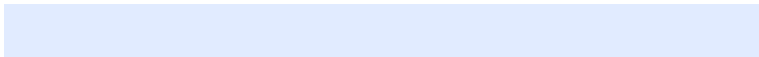
■ 25.1866, 11.4811,
95.4963

■ 22.9483, 9.7694,
95.2839

Harmonies

Analogous

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



79.3644, 82.8971, 109.9638



82.5611, 82.8971, 106.2570



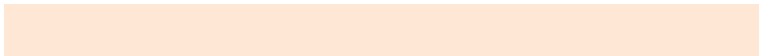
84.7939, 82.8971, 98.2796

Triad

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



82.5611, 82.8971, 106.2570



81.5435, 82.8971, 74.5061



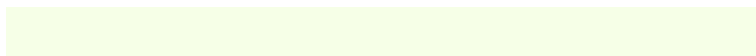
72.5325, 82.8971, 91.9085

Complementary

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



82.5611, 82.8971, 106.2570



88.1919, 96.8833, 89.6575

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.



73.0787, 82.8971, 82.6905



82.5611, 82.8971, 106.2570



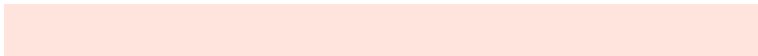
78.2208, 82.8971, 73.0643

Square

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



82.5611, 82.8971, 106.2570



84.1948, 82.8971, 80.0437



75.1379, 82.8971, 75.9565



73.6239, 82.8971, 101.3125

Rectangle

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



82.5611, 82.8971, 106.2570



85.4017, 82.8971, 91.8562



75.1379, 82.8971, 75.9565



72.5310, 82.8971, 88.6841

Sweetspot

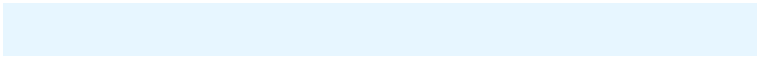
The Sweet Spot groups the original color and five complimentary colors.



82.5633, 82.9005, 106.2576



90.9205, 94.3201, 108.0213



84.0240, 90.2443, 107.5981



19.2296, 19.8713, 23.0720



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.



82.5633, 82.9005, 106.2576



80.5866, 80.2158, 105.8436



86.7002, 85.0332, 106.4512



17.6465, 17.7095, 22.7382



12.0822, 5.1391, 49.7897



1.2927, 0.5603, 4.8533

Inverse Universe

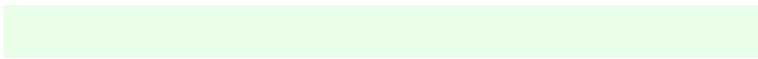
The Inverse Universe completely reimagines the original color for something new.



86.4526, 85.0690, 99.0550



85.0980, 82.7319, 97.4566



84.1835, 94.8169, 89.4699



18.4869, 18.1781, 21.1813



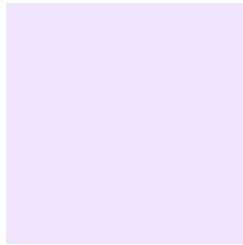
24.9113, 12.4538, 18.7151



2.4785, 1.2338, 2.1014

Previews

White Background



This preview shows how the XYZ color 82.5611, 82.8971, 106.2570 looks on a white background.

Color Contrast Check

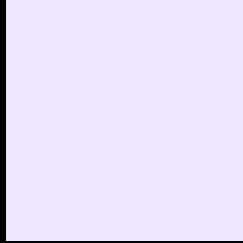
Large Text (above 18pt) WCAG AA × Fail

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 82.5611, 82.8971, 106.2570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

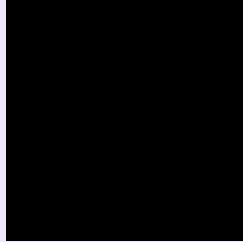
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.5611, 82.8971, 106.2570

Background



This preview shows how black text looks on a background with the XYZ color 82.5611, 82.8971, 106.2570.



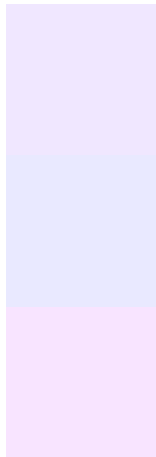
This preview shows how white text looks on a background with the XYZ color 82.5611, 82.8971,

106.2570.

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

82.5611, 82.8971, 106.2570

Protanopia

80.7932, 82.8215, 106.3356

Deuteranopia

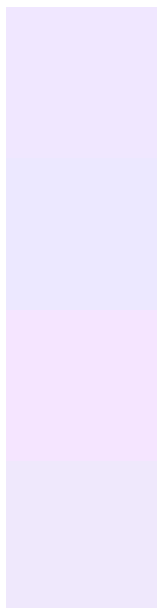
84.5048, 82.6633, 106.1095



Tritanopia

81.7085, 82.9661, 102.1500

Trichromacy



Original Color

82.5611, 82.8971, 106.2570

Protanomaly

81.4987, 82.7661, 106.2878

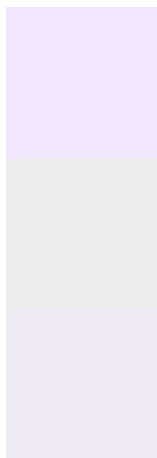
Deuteranomaly

83.7255, 82.6711, 106.1521

Tritanomaly

82.0239, 83.0922, 103.8107

Monochromacy



Original Color

82.5611, 82.8971, 106.2570

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

80.5255, 83.3212, 96.6325

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.5611, 82.8971, 106.2570 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(240, 231, 255)` looks like.

```
.text, #text, p{  
    color:rgb(240, 231, 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(240, 231, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 231, 255) }
```

Border

The CSS property to change the border of an element to XYZ 82.5611, 82.8971, 106.2570 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(240, 231, 255) }
```


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

```
.border{ border-color:rgb(240, 231, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 231, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 231, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 231, 255);  
box-shadow:4px 4px 4px 4px rgb(240, 231,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 82.5611, 82.8971, 106.2570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 231, 255) }
```

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

```
.background{ background-color: rgb(240,  
231, 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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