

Converting Colors

XYZ(90.2401, 91.7457,
107.9646)

Have a look what the booklet for
XYZ(90.2401, 91.7457, 107.9646)
contains.

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Color

**XYZ(89.9470, 91.4197,
107.5128)**

Conversions

Conversions Part 1

Format	Color
Hex	FCF2FF
RGB	252, 242, 255
RGB Percent	99%, 95%, 100%
CMY	0.0118, 0.0510, 0.0000
CMYK	0.01, 0.05, 0.00, 0.00
HSL	286°, 100%, 97%
HSV	286°, 5%, 100%
XYZ	89.9470, 91.4197, 107.5128
YIQ	246.4720, 1.7870, 6.1630

Conversions

Conversions Part 2

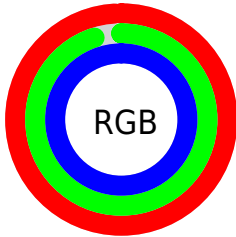
Format	Color
R _Y B	252, 242, 255
Decimal	16577279
CIE Lab	96.58, 5.62, -5.05
CIE LCh	97, 7.557, 318.072
Yxy	91.4197, 0.3114, 0.3165
Android (android.graphics.Color)	4294767359 (0xFFFCF2FF)
YUV	246.4720, 4.2043, 4.8481
Hunter-Lab	95.6136, 0.5971, 0.2609

Details

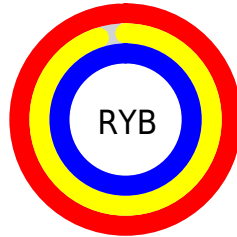
The XYZ color **89.9470, 91.4197, 107.5128** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **89.4456, 97.3444, 98.0841**, and the grayscale version is **87.9476, 92.5278, 100.7627**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **50.2576, 50.7971, 60.5820** is the 20% darker color. If you saturate the color by 10%, you get **80.7830, 76.2055, 105.0591**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

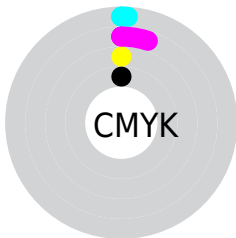
Distribution



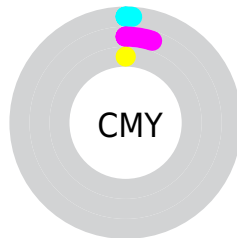
- Red (99%)
- Green (95%)
- Blue (100%)



- Red (99%)
- Yellow (95%)
- Blue (100%)



- Cyan (1%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)




- Cyan (1%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 89.9470, 91.4197, 107.5128 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 89.9470, 91.4197, 107.5128 by changing the saturation by 10% instead.


 89.9470, 91.4197,
107.5128

 89.9470, 91.4197,
107.5128


516.0989,
532.6383, 605.4713

 68.2728, 69.1587,
81.9377


146.1435,
149.3089, 173.5854

 50.3942, 50.8410,
60.7787


181.3965,
185.7058, 214.9200

 35.9458, 36.0821,
43.6172

221.9065,
227.5836, 262.3448

 24.5623, 24.4976,
30.0347

268.0389,
275.3266, 316.2784

 15.8782, 15.7031,
19.6126

320.1589,
329.3192, 377.1393

 9.5283, 9.3143,
11.9325

378.6321,

 5.1472, 4.9468,

389.9457, 445.3461

6.5758

443.8236,
457.5906, 521.3172

■ 2.3695, 2.2161,
3.1238

■ 0.8299, 0.7287,
1.1582

■ 89.9470, 91.4197,
107.5128

■ 89.9470, 91.4197,
107.5128

■ 80.7830, 76.2055,
105.0591

95.0500, 100.0000,
108.9000

■ 72.6967, 63.0504,
102.9461

■ 65.6432, 51.8648,
101.1589

■ 59.5718, 42.5481,
99.6806

■ 54.4272, 34.9907,
98.4930

■ 50.1484, 29.0712,
97.5759

■ 46.6663, 24.6527,
96.9066

■ 43.9008, 21.5758,
96.4585

■ 41.7530, 19.6438,
96.1987

Harmonies

Analogous

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



88.1571, 91.4197, 111.0071



89.9470, 91.4197, 107.5128



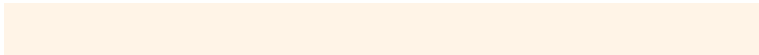
90.9243, 91.4197, 101.9628

Triad

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



89.9470, 91.4197, 107.5128



87.7334, 91.4197, 88.5933



83.0893, 91.4197, 103.1908

Complementary

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



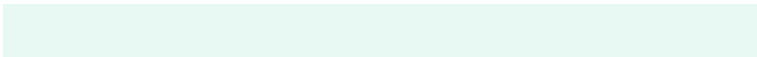
89.9470, 91.4197, 107.5128



89.4456, 97.3444, 98.0841

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.



82.9801, 91.4197, 97.1569



89.9470, 91.4197, 107.5128



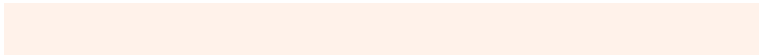
85.6385, 91.4197, 88.8921

Square

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



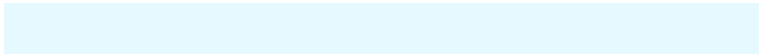
89.9470, 91.4197, 107.5128



89.6325, 91.4197, 91.1390



83.9063, 91.4197, 91.9724



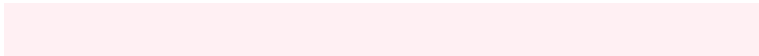
84.2073, 91.4197, 108.4431

Rectangle

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



89.9470, 91.4197, 107.5128



90.9732, 91.4197, 97.9169



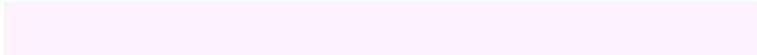
83.9063, 91.4197, 91.9724



82.9341, 91.4197, 101.1820

Sweetspot

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



89.9494, 91.4235, 107.5134



93.0129, 96.5666, 108.3446



87.3338, 91.4260, 107.6517



19.9300, 20.7052, 23.1960



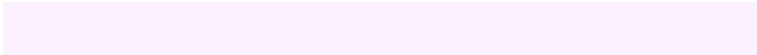
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.9494, 91.4235, 107.5134



89.0749, 89.9602, 107.2771



90.4909, 91.7666, 104.6528



18.9317, 19.0313, 22.9255



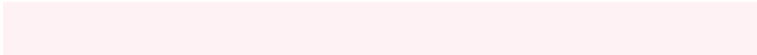
21.4857, 9.9868, 50.2298



2.1869, 1.0213, 4.8951

Inverse Universe

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



89.4760, 91.3606, 99.3080



88.5243, 89.8887, 97.6611



88.9334, 97.0197, 100.8030



18.8022, 19.0147, 20.6511



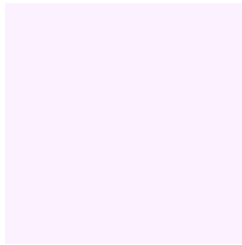
22.0059, 11.2916, 3.4154



2.1823, 1.1153, 0.5414

Previews

White Background



This preview shows how the XYZ color 89.9470, 91.4197, 107.5128 looks on a white background.

Color Contrast Check

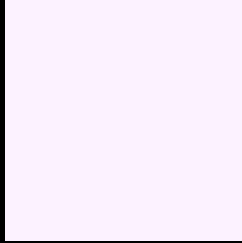
Large Text (above 18pt) WCAG AA × Fail

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 89.9470, 91.4197, 107.5128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

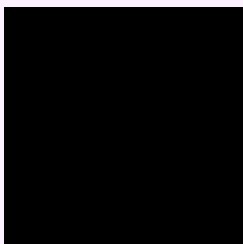
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 89.9470, 91.4197, 107.5128

Background



This preview shows how black text looks on a background with the XYZ color 89.9470, 91.4197, 107.5128.



This preview shows how white text looks on a background with the XYZ color 89.9470, 91.4197,

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

89.9470, 91.4197, 107.5128

Protanopia

88.4067, 91.5142, 107.6122

Deuteranopia

90.1079, 91.1356, 104.1085



Tritanopia

89.5249, 91.6452, 107.5786

Trichromacy



Original Color

89.9470, 91.4197, 107.5128

Protanomaly

88.8120, 91.2776, 107.5452

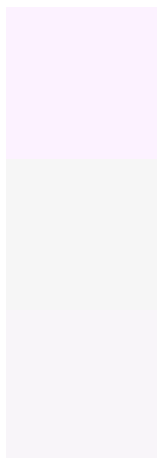
Deuteranomaly

89.8990, 91.0097, 104.9239

Tritanomaly

89.8843, 91.8304, 107.5954

Monochromacy



Original Color

89.9470, 91.4197, 107.5128

Achromatopsia

87.5964, 92.1582, 100.3603

Achromatomaly

88.4627, 92.1008, 102.7373

CSS Examples

Text

The CSS property to change the color of the text to XYZ 89.9470, 91.4197, 107.5128 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(252, 242, 255) looks like.

```
.text, #text, p{  
    color:rgb(252, 242, 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(252, 242, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 242, 255) }
```

Border

The CSS property to change the border of an element to XYZ 89.9470, 91.4197, 107.5128 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(252, 242, 255) }
```


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

```
.border{ border-color:rgb(252, 242, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 242, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 242, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 242, 255);  
box-shadow:4px 4px 4px 4px rgb(252, 242,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 89.9470, 91.4197, 107.5128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 242, 255) }
```

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

```
.background{ background-color: rgb(252,  
242, 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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