

Converting Colors

XYZ(91.8227, 93.0180,
121.6646)

Have a look what the booklet for
XYZ(91.8227, 93.0180, 121.6646)
contains.

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Color

**XYZ(89.1121, 91.8778,
107.6452)**

Conversions

Conversions Part 1

Format	Color
Hex	F8F4FF
RGB	248, 244, 255
RGB Percent	97%, 96%, 100%
CMY	0.0274, 0.0431, 0.0000
CMYK	0.03, 0.04, 0.00, 0.00
HSL	262°, 100%, 98%
HSV	262°, 4%, 100%
XYZ	89.1121, 91.8778, 107.6452
YIQ	246.4500, -1.1470, 4.2690

Conversions

Conversions Part 2

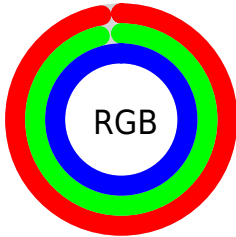
Format	Color
R_{YB}	248, 244, 255
Decimal	16315647
CIE _{Lab}	96.77, 3.29, -4.81
CIE _{LCh}	97, 5.825, 304.382
Yxy	91.8778, 0.3087, 0.3183
Android (android.graphics.Color)	4294505727 (0xFF8F4FF)
YUV	246.4500, 4.2152, 1.3594
Hunter-Lab	95.8529, -1.7955, 0.5129

Details

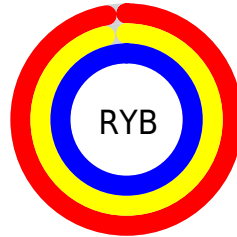
The XYZ color **89.1121, 91.8778, 107.6452** is a light color, and the websafe version is hex **FFFFFF**, and the color name is **magnolia**. A complement of this color would be **91.8750, 98.5619, 99.7745**, and the grayscale version is **87.9314, 92.5107, 100.7441**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.9145, 51.2501, 60.6876** is the 20% darker color. If you saturate the color by 10%, you get **76.4571, 74.7430, 105.0049**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

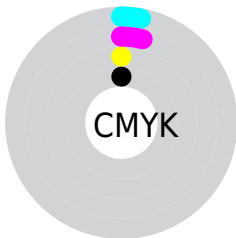
Distribution



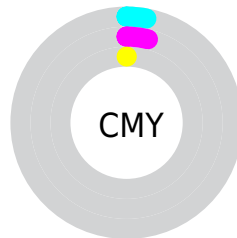
- Red (97%)
- Green (96%)
- Blue (100%)



- Red (97%)
- Yellow (96%)
- Blue (100%)



- Cyan (3%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (3%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 89.1121, 91.8778, 107.6452 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 89.1121, 91.8778, 107.6452 by changing the saturation by 10% instead.

89.1121, 91.8778,
107.6452

89.1121, 91.8778,
107.6452

513.4194,
534.1205, 605.8904

67.5783, 69.5391,
82.0482

144.9891,
149.9440, 173.7676

49.8272, 51.1509,
60.8692

180.0630,
186.4404, 215.1301

35.4933, 36.3287,
43.6897

220.3809,
228.4247, 262.5847

24.2114, 24.6882,
30.0913

266.3083,
276.2815, 316.5502

15.6161, 15.8449,
19.6552

318.2105,
330.3950, 377.4449

9.3420, 9.4145,
11.9631

376.4528,

5.0238, 5.0125,

391.1498, 445.6875

6.5963

441.4007,
458.9302, 521.6965

■ 2.2962, 2.2546,
3.1364

■ 0.7927, 0.7495,
1.1647

■ 89.1121, 91.8778,
107.6452

■ 89.1121, 91.8778,
107.6452

■ 76.4571, 74.7430,
105.0049

95.0500, 100.0000,
108.9000

■ 65.3042, 59.8913,
102.7260

■ 55.5966, 47.2274,
100.7933

■ 47.2706, 36.6444,
99.1894

■ 40.2576, 28.0264,
97.8956

■ 34.4826, 21.2456,
96.8911

■ 29.8621, 16.1588,
96.1528

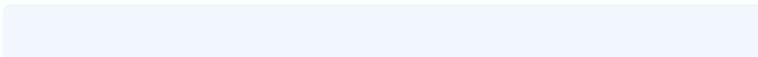
■ 26.3008, 12.6001,
95.6536

■ 23.6844, 10.3680,
95.3607

Harmonies

Analogous

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



87.5672, 91.8778, 109.2753



89.1121, 91.8778, 107.6452



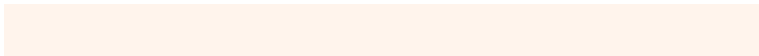
90.1888, 91.8778, 103.9777

Triad

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



89.1121, 91.8778, 107.6452



88.6917, 91.8778, 92.1485



84.2338, 91.8778, 100.7278

Complementary

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



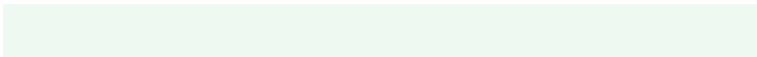
89.1121, 91.8778, 107.6452



91.8750, 98.5619, 99.7745

Split Complementary

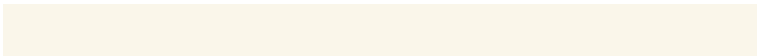
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.5265, 91.8778, 96.2016



89.1121, 91.8778, 107.6452



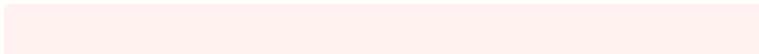
87.0874, 91.8778, 91.3389

Square

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



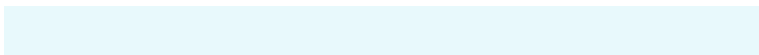
89.1121, 91.8778, 107.6452



89.9440, 91.8778, 95.0470



85.5661, 91.8778, 92.8004



84.7615, 91.8778, 105.2034

Rectangle

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



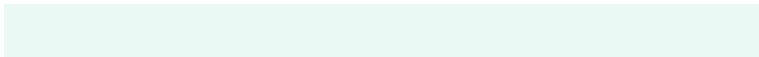
89.1121, 91.8778, 107.6452



90.4891, 91.8778, 100.9222



85.5661, 91.8778, 92.8004



84.2396, 91.8778, 99.1616

Sweetspot

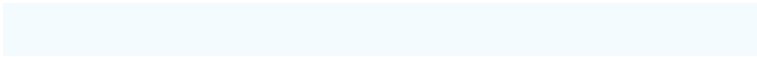
The Sweet Spot groups the original color and five complimentary colors.



89.1145, 91.8816, 107.6458



93.6473, 98.0772, 108.6028



89.9049, 95.5435, 108.3110



20.0592, 21.0128, 23.2486



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.



89.1145, 91.8816, 107.6458



88.1936, 90.6263, 107.4521



91.0383, 92.8734, 107.7359



18.6775, 19.1260, 22.9572



11.9225, 5.0567, 49.7822



1.2756, 0.5515, 4.8525

Inverse Universe

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



91.0056, 92.9301, 104.4107



90.3793, 91.8383, 103.7064



89.9751, 97.5825, 99.6856



19.2093, 19.4209, 22.0444



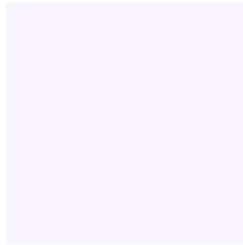
25.0452, 12.5074, 19.4204



2.4910, 1.2388, 2.1673

Previews

White Background



This preview shows how the XYZ color 89.1121, 91.8778, 107.6452 looks on a white background.

Color Contrast Check

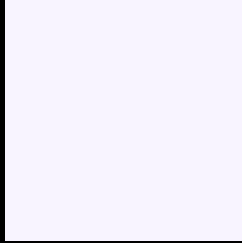
Large Text (above 18pt) WCAG AA × Fail

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 89.1121, 91.8778, 107.6452 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

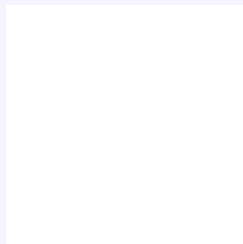
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 89.1121, 91.8778, 107.6452

Background



This preview shows how black text looks on a background with the XYZ color 89.1121, 91.8778, 107.6452.

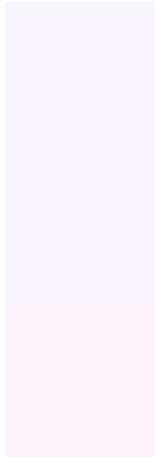


This preview shows how white text looks on a background with the XYZ color 89.1121, 91.8778, 107.6452.

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

89.1121, 91.8778, 107.6452

Protanopia

88.7585, 91.6955, 107.6287

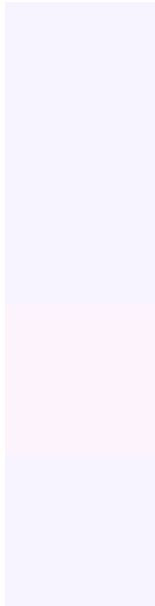
Deuteranopia

90.4047, 91.7293, 104.2075

Tritanopia

89.1121, 91.8778, 107.6452

Trichromacy



Original Color

89.1121, 91.8778, 107.6452

Protanomaly

88.7585, 91.6955, 107.6287

Deuteranomaly

89.7662, 91.8249, 105.0883

Tritanomaly

89.1121, 91.8778, 107.6452

Monochromacy



Original Color

89.1121, 91.8778, 107.6452

Achromatopsia

87.5964, 92.1582, 100.3603

Achromatomaly

88.1091, 91.9185, 102.7207

CSS Examples

Text

The CSS property to change the color of the text to XYZ 89.1121, 91.8778, 107.6452 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(248, 244, 255) looks like.

```
.text, #text, p{  
    color:rgb(248, 244, 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(248, 244, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 244, 255) }
```

Border

The CSS property to change the border of an element to XYZ 89.1121, 91.8778, 107.6452 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(248, 244, 255) }
```


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

```
.border{ border-color:rgb(248, 244, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 244, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 244, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 244, 255);  
box-shadow:4px 4px 4px 4px rgb(248, 244,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 89.1121, 91.8778, 107.6452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 244, 255) }
```

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

```
.background{ background-color: rgb(248,  
244, 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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