

Converting Colors

XYZ(90.0757, 92.3772,
107.6908)

Have a look what the booklet for
XYZ(90.0757, 92.3772, 107.6908)
contains.

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Color

**XYZ(90.1843, 92.4306,
107.6954)**

Conversions

Conversions Part 1

Format	Color
Hex	FBF4FF
RGB	251, 244, 255
RGB Percent	98%, 96%, 100%
CMY	0.0157, 0.0431, 0.0000
CMYK	0.02, 0.04, 0.00, 0.00
HSL	278°, 100%, 98%
HSV	278°, 4%, 100%
XYZ	90.1843, 92.4306, 107.6954
YIQ	247.3470, 0.6410, 4.9050

Conversions

Conversions Part 2

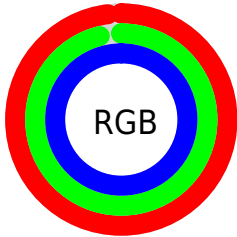
Format	Color
R _Y B	251, 244, 255
Decimal	16512255
CIE Lab	97.00, 4.27, -4.45
CIE LCh	97, 6.168, 313.832
Yxy	92.4306, 0.3106, 0.3184
Android (android.graphics.Color)	4294702335 (0xFFFBF4FF)
YUV	247.3470, 3.7729, 3.2037
Hunter-Lab	96.1408, -0.8057, 0.8829

Details

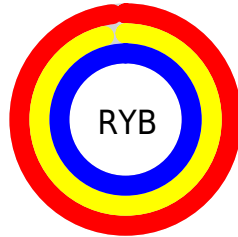
The XYZ color 90.1843, 92.4306, 107.6954 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 90.8030, 98.0093, 99.7245, and the grayscale version is 88.6625, 93.2798, 101.5817.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 50.4244, 51.5130, 60.7114 is the 20% darker color. If you saturate the color by 10%, you get 79.7773, 76.4547, 105.1603, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

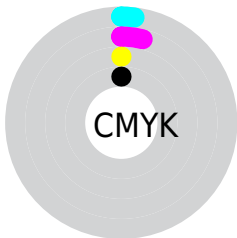
Distribution



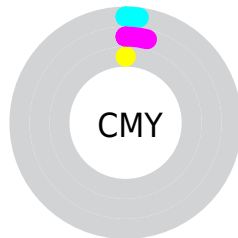
- Red (98%)
- Green (96%)
- Blue (100%)



- Red (98%)
- Yellow (96%)
- Blue (100%)



- Cyan (2%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)




- Cyan (2%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 90.1843, 92.4306, 107.6954 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 90.1843, 92.4306, 107.6954 by changing the saturation by 10% instead.


 90.1843, 92.4306,
107.6954

 90.1843, 92.4306,
107.6954


516.8592,
535.9062, 606.0492

 68.4703, 69.9983,
82.0901


146.4714,
150.7101, 173.8367

 50.5555, 51.5252,
60.9035


181.7752,
187.3260, 215.2097

 36.0746, 36.6267,
43.7173


222.3397,
229.4387, 262.6757

 24.6622, 24.9186,
30.1127

268.5302,
277.4324, 316.6532

 15.9529, 16.0164,
19.6714

320.7120,
331.6917, 377.5608

 9.5815, 9.5358,
11.9747

379.2505,

 5.1825, 5.0923,

392.6008, 445.8169

6.6041

444.5111,
460.5441, 521.8402

■ 2.3906, 2.3015,
3.1411

■ 0.8404, 0.7745,
1.1671

■ 90.1843, 92.4306,
107.6954

■ 90.1843, 92.4306,
107.6954

■ 79.7773, 76.4547,
105.1603

95.0500, 100.0000,
108.9000

■ 70.5474, 62.5943,
102.9714

■ 62.4483, 50.7597,
101.1140

■ 55.4278, 40.8497,
99.5711

■ 49.4291, 32.7545,
98.3248

■ 44.3896, 26.3529,
97.3548

■ 40.2393, 21.5084,
96.6384

■ 36.8969, 18.0627,
96.1495

■ 34.2635, 15.8217,
95.8558

Harmonies

Analogous

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



88.6529, 92.4306, 110.2111



90.1843, 92.4306, 107.6954



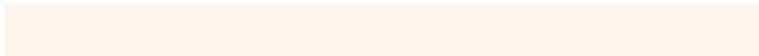
91.0973, 92.4306, 103.3265

Triad

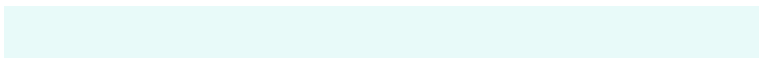
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



90.1843, 92.4306, 107.6954



88.7852, 92.4306, 91.7368



84.6513, 92.4306, 102.9437

Complementary

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



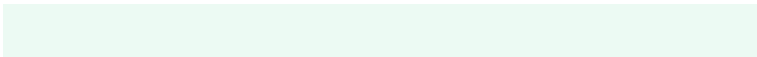
90.1843, 92.4306, 107.6954



90.8030, 98.0093, 99.7245

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.



84.6857, 92.4306, 98.0028



90.1843, 92.4306, 107.6954



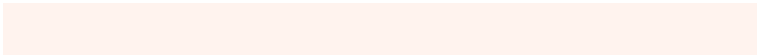
87.0570, 92.4306, 91.6420

Square

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



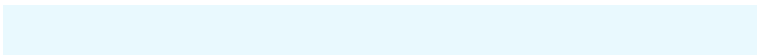
90.1843, 92.4306, 107.6954



90.2823, 92.4306, 94.1655



85.5613, 92.4306, 93.9020



85.4667, 92.4306, 107.4073

Rectangle

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



90.1843, 92.4306, 107.6954



91.2250, 92.4306, 100.0038



85.5613, 92.4306, 93.9020



84.5642, 92.4306, 101.2813

Sweetspot

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



90.1867, 92.4345, 107.6960



93.9015, 98.2083, 108.6147



88.9391, 93.6118, 107.9890



20.1109, 21.0395, 23.2510



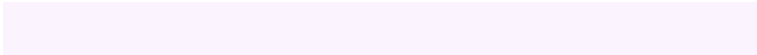
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



90.1867, 92.4345, 107.6960



89.4311, 91.2643, 107.5100



91.4073, 93.0909, 106.5259



18.9782, 19.2810, 22.9713



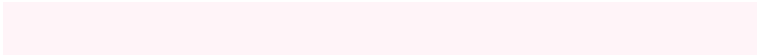
17.4143, 7.8879, 50.0393



1.8155, 0.8298, 4.8778

Inverse Universe

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



90.5364, 92.7425, 101.9398



89.8377, 91.6216, 100.8541



89.6239, 97.3756, 100.8360



19.0777, 19.3683, 21.3514



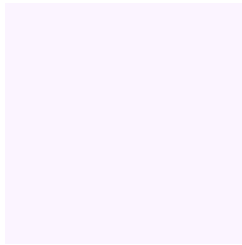
22.6403, 11.5454, 6.7563



2.2546, 1.1442, 0.9224

Previews

White Background



This preview shows how the XYZ color 90.1843, 92.4306, 107.6954 looks on a white background.

Color Contrast Check

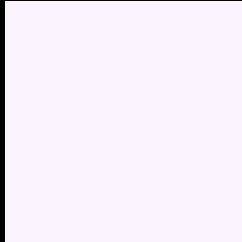
Large Text (above 18pt) WCAG AA × Fail

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 90.1843, 92.4306, 107.6954 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

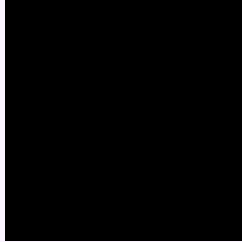
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 90.1843, 92.4306, 107.6954

Background



This preview shows how black text looks on a background with the XYZ color 90.1843, 92.4306, 107.6954.



This preview shows how white text looks on a background with the XYZ color 90.1843, 92.4306, 107.6954.

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**

90.1843, 92.4306, 107.6954

Protanopia

89.4138, 92.4813, 107.7458

Deuteranopia

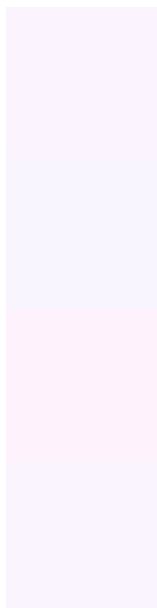
90.7032, 92.3262, 104.3070



Tritanopia

89.4676, 92.0611, 107.6619

Trichromacy



Original Color

90.1843, 92.4306, 107.6954

Protanomaly

89.7693, 92.6646, 107.7624

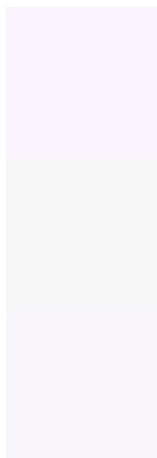
Deuteranomaly

90.4943, 92.2003, 105.1223

Tritanomaly

89.8250, 92.2454, 107.6786

Monochromacy



Original Color

90.1843, 92.4306, 107.6954

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

88.9225, 92.7701, 103.6622

CSS Examples

Text

The CSS property to change the color of the text to XYZ 90.1843, 92.4306, 107.6954 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(251, 244, 255) looks like.

```
.text, #text, p{  
    color:rgb(251, 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(251, 244, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 244, 255) }
```

Border

The CSS property to change the border of an element to XYZ 90.1843, 92.4306, 107.6954 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(251, 244, 255) }
```


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

```
.border{ border-color:rgb(251, 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(251, 244, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 244, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 244, 255);  
box-shadow:4px 4px 4px 4px rgb(251, 244,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 90.1843, 92.4306, 107.6954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 244, 255) }
```

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

```
.background{ background-color: rgb(251,  
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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