

Converting Colors

XYZ(121.4752, 103.5688,
272.2577)

Have a look what the booklet for
XYZ(121.4752, 103.5688, 272.2577)
contains.

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Color

**XYZ(90.3783, 91.2014,
107.4479)**

Conversions

Conversions Part 1

Format	Color
Hex	FEF1FF
RGB	254, 241, 255
RGB Percent	100%, 95%, 100%
CMY	0.0039, 0.0549, 0.0000
CMYK	0.00, 0.05, 0.00, 0.00
HSL	296°, 100%, 97%
HSV	296°, 5%, 100%
XYZ	90.3783, 91.2014, 107.4479
YIQ	246.4830, 3.2540, 7.1100

Conversions

Conversions Part 2

Format	Color
RYB	254, 241, 255
Decimal	16708095
CIELab	96.49, 6.79, -5.16
CIELCh	96, 8.532, 322.754
Yxy	91.2014, 0.3127, 0.3155
Android (android.graphics.Color)	4294898175 (0xFFFEF1FF)
YUV	246.4830, 4.1989, 6.5924
Hunter-Lab	95.4994, 1.8040, 0.1415

Details

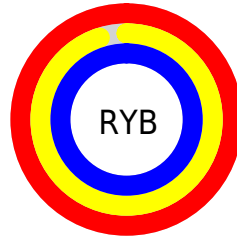
The XYZ color **90.3783, 91.2014, 107.4479** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **88.2575, 96.7492, 97.2465**, and the grayscale version is **87.9557, 92.5363, 100.7720**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **50.5680, 50.6455, 60.5364** is the 20% darker color. If you saturate the color by 10%, you get **82.6904, 76.8084, 105.0750**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

Distribution



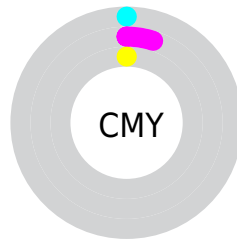
- Red (100%)
- Green (95%)
- Blue (100%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 90.3783, 91.2014, 107.4479 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 90.3783, 91.2014, 107.4479 by changing the saturation by 10% instead.

90.3783, 91.2014,
107.4479

90.3783, 91.2014,
107.4479

517.4802,
531.9313, 605.2659

68.6318, 68.9775,
81.8835

146.7394,
149.0061, 173.4961

50.6874, 50.6934,
60.7343

182.0847,
185.3556, 214.8170

36.1799, 35.9647,
43.5816

222.6937,
227.1826, 262.2272

24.7439, 24.4069,
30.0069

268.9316,
274.8712, 316.1451

16.0141, 15.6357,
19.5918

321.1639,
328.8060, 376.9895

9.6250, 9.2668,
11.9175

379.7558,

5.2114, 4.9156,

389.3714, 445.1787

6.5657

445.0728,
456.9517, 521.1313

■ 2.4079, 2.1978,
3.1177

■ 0.8490, 0.7188,
1.1550

■ 90.3783, 91.2014,
107.4479

■ 90.3783, 91.2014,
107.4479

■ 82.6904, 76.8084,
105.0750

95.0500, 100.0000,
108.9000

■ 76.0193, 64.4406,
103.0394

■ 70.3206, 54.0083,
101.3261

■ 65.5441, 45.4110,
99.9184

■ 61.6347, 38.5388,
98.7980

■ 58.5319, 33.2703,
97.9446

■ 56.1668, 29.4682,
97.3353

■ 54.4594, 26.9721,
96.9435

■ 53.3105, 25.5839,
96.7361

Harmonies

Analogous

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



88.4662, 91.2014, 111.8855



90.3783, 91.2014, 107.4479



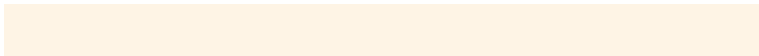
91.3035, 91.2014, 100.9649

Triad

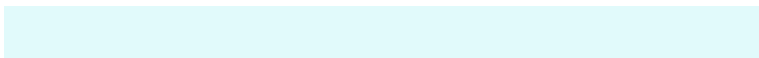
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



90.3783, 91.2014, 107.4479



87.2626, 91.2014, 86.8609



82.5323, 91.2014, 104.4586

Complementary

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



90.3783, 91.2014, 107.4479



88.2575, 96.7492, 97.2465

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.



82.2234, 91.2014, 97.6591



90.3783, 91.2014, 107.4479



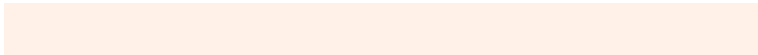
84.9262, 91.2014, 87.7008

Square

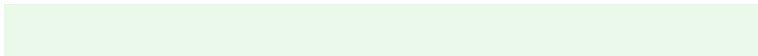
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



90.3783, 91.2014, 107.4479



89.4834, 91.2014, 89.2311



83.0921, 91.2014, 91.5801



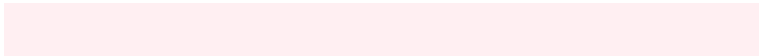
83.9440, 91.2014, 110.1053

Rectangle

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



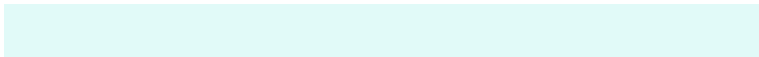
90.3783, 91.2014, 107.4479



91.2245, 91.2014, 96.4374



83.0921, 91.2014, 91.5801



82.2971, 91.2014, 102.2244

Sweetspot

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



90.3807, 91.2052, 107.4485



93.3108, 96.7201, 108.3586



86.1310, 89.5286, 107.3489



19.9906, 20.7364, 23.1989



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.



90.3807, 91.2052, 107.4485



89.1506, 88.8945, 107.0674



89.8223, 91.0242, 102.5962



18.9783, 18.8325, 22.8847



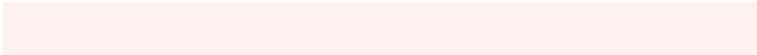
27.7011, 13.1909, 50.5207



2.7339, 1.3033, 4.9207

Inverse Universe

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



88.7247, 90.5852, 96.8162



87.0626, 88.1132, 93.6344



88.8010, 96.9271, 101.8922



18.4950, 18.6518, 19.7735



21.6257, 11.1396, 1.4133



2.1230, 1.0916, 0.2294

Previews

White Background



This preview shows how the XYZ color 90.3783, 91.2014, 107.4479 looks on a white background.

Color Contrast Check

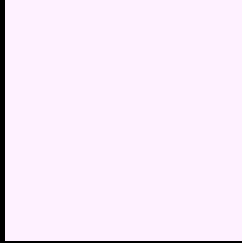
Large Text (above 18pt) WCAG AA × Fail

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 90.3783, 91.2014, 107.4479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

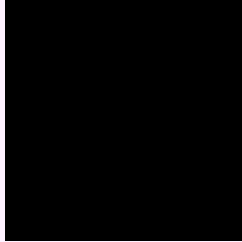
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 90.3783, 91.2014, 107.4479

Background



This preview shows how black text looks on a background with the XYZ color 90.3783, 91.2014, 107.4479.



This preview shows how white text looks on a background with the XYZ color 90.3783, 91.2014,

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

90.3783, 91.2014, 107.4479

Protanopia

88.4067, 91.5142, 107.6122

Deuteranopia

90.1079, 91.1356, 104.1085



Tritanopia

89.9470, 91.4197, 107.5128

Trichromacy



Original Color

90.3783, 91.2014, 107.4479

Protanomaly

89.1675, 91.4609, 107.5618

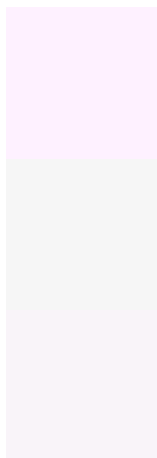
Deuteranomaly

90.2660, 91.1989, 104.9411

Tritanomaly

90.3101, 91.6069, 107.5298

Monochromacy



Original Color

90.3783, 91.2014, 107.4479

Achromatopsia

87.5964, 92.1582, 100.3603

Achromatomaly

88.5165, 91.6807, 102.6533

CSS Examples

Text

The CSS property to change the color of the text to XYZ 90.3783, 91.2014, 107.4479 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(254, 241, 255) looks like.

```
.text, #text, p{  
    color:rgb(254, 241, 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(254, 241, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 241, 255) }
```

Border

The CSS property to change the border of an element to XYZ 90.3783, 91.2014, 107.4479 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(254, 241, 255) }
```


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

```
.border{ border-color:rgb(254, 241, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 241, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 241, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 241, 255);  
box-shadow:4px 4px 4px 4px rgb(254, 241,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 90.3783, 91.2014, 107.4479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 241, 255) }
```

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

```
.background{ background-color: rgb(254,  
241, 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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