

Converting Colors

XYZ(96.1092, 93.6237,
139.2701)

Have a look what the booklet for
XYZ(96.1092, 93.6237, 139.2701)
contains.

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Color

**XYZ(90.0133, 91.0132,
107.4308)**

Conversions

Conversions Part 1

Format	Color
Hex	FDF1FF
RGB	253, 241, 255
RGB Percent	99%, 95%, 100%
CMY	0.0078, 0.0549, 0.0000
CMYK	0.01, 0.05, 0.00, 0.00
HSL	291°, 100%, 97%
HSV	291°, 5%, 100%
XYZ	90.0133, 91.0132, 107.4308
YIQ	246.1840, 2.6580, 6.8980

Conversions

Conversions Part 2

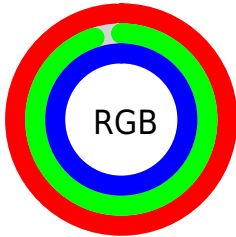
Format	Color
R _Y B	253, 241, 255
Decimal	16642559
CIE Lab	96.42, 6.46, -5.29
CIE LCh	96, 8.350, 320.716
Yxy	91.0132, 0.3121, 0.3155
Android (android.graphics.Color)	4294832639 (0xFFFFDF1FF)
YUV	246.1840, 4.3463, 5.9776
Hunter-Lab	95.4008, 1.4682, 0.0142

Details

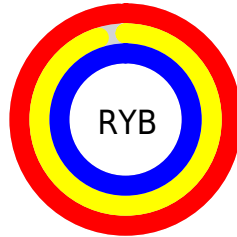
The XYZ color 90.0133, 91.0132, 107.4308 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 88.6016, 96.9266, 97.2625, and the grayscale version is 87.7128, 92.2807, 100.4937.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 50.3070, 50.5109, 60.5242 is the 20% darker color. If you saturate the color by 10%, you get 81.6750, 76.2850, 105.0275, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

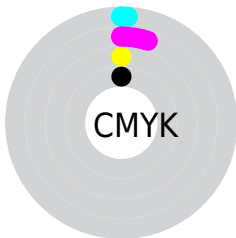
Distribution



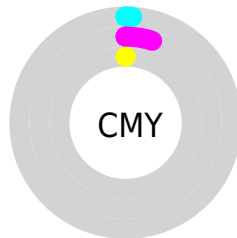
- Red (99%)
- Green (95%)
- Blue (100%)



- 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 90.0133, 91.0132, 107.4308 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 90.0133, 91.0132, 107.4308 by changing the saturation by 10% instead.

90.0133, 91.0132,
107.4308

90.0133, 91.0132,
107.4308

516.3114,
531.3213, 605.2118

68.3280, 68.8213,
81.8693

146.2351,
148.7450, 173.4725

50.4393, 50.5662,
60.7226

181.5023,
185.0536, 214.7898

35.9818, 35.8635,
43.5722

222.0276,
226.8367, 262.1962

24.5902, 24.3288,
29.9996

268.1762,
274.4785, 316.1100

15.8991, 15.5777,
19.5863

320.3135,
328.3634, 376.9500

9.5432, 9.2258,
11.9136

378.8049,

5.1571, 4.8888,

388.8760, 445.1345

6.5630

444.0157,
456.4004, 521.0823

■ 2.3754, 2.1821,
3.1161

■ 0.8328, 0.7102,
1.1542

■ 90.0133, 91.0132,
107.4308

■ 90.0133, 91.0132,
107.4308

■ 81.6750, 76.2850,
105.0275

95.0500, 100.0000,
108.9000

■ 74.3724, 63.5916,
102.9623

■ 68.0610, 52.8434,
101.2203

■ 62.6903, 43.9398,
99.7848

■ 58.2053, 36.7709,
98.6375

■ 54.5452, 31.2151,
97.7580

■ 51.6411, 27.1351,
97.1235

■ 49.4127, 24.3704,
96.7074

■ 47.7608, 22.7229,
96.4764

Harmonies

Analogous

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



88.0970, 91.0132, 111.5672



90.0133, 91.0132, 107.4308



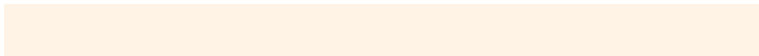
90.9945, 91.0132, 101.1786

Triad

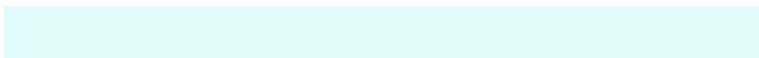
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



90.0133, 91.0132, 107.4308



87.2288, 91.0132, 86.9873



82.3893, 91.0132, 103.6981

Complementary

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



90.0133, 91.0132, 107.4308



88.6016, 96.9266, 97.2625

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.



82.1663, 91.0132, 97.0459



90.0133, 91.0132, 107.4308



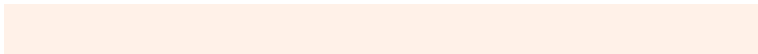
84.9329, 91.0132, 87.5941

Square

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



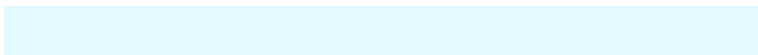
90.0133, 91.0132, 107.4308



89.3680, 91.0132, 89.5110



83.0897, 91.0132, 91.2074



83.7044, 91.0132, 109.3459

Rectangle

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



90.0133, 91.0132, 107.4308



90.9744, 91.0132, 96.7353



83.0897, 91.0132, 91.2074



82.1850, 91.0132, 101.4986

Sweetspot

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



90.0157, 91.0170, 107.4314



93.1771, 96.6512, 108.3523



86.4096, 90.0858, 107.4418



19.9634, 20.7224, 23.1976



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.



90.0157, 91.0170, 107.4314



88.6861, 88.6551, 107.0456



89.9683, 91.0826, 103.3652



18.8704, 18.7769, 22.8797



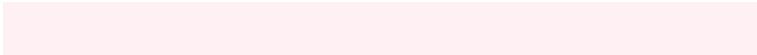
24.7292, 11.6589, 50.3816



2.4746, 1.1696, 4.9086

Inverse Universe

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



88.8753, 90.6453, 97.6093



87.2511, 88.1887, 94.6272



88.6574, 96.8697, 101.1363



18.5385, 18.6692, 20.0026



21.7502, 11.1894, 2.0691



2.1480, 1.1016, 0.3608

Previews

White Background



This preview shows how the XYZ color 90.0133, 91.0132, 107.4308 looks on a white background.

Color Contrast Check

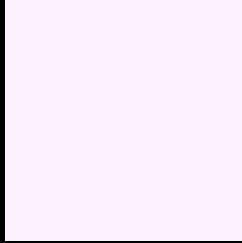
Large Text (above 18pt) WCAG AA × Fail

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 90.0133, 91.0132, 107.4308 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

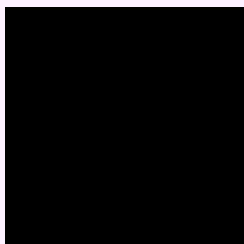
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 90.0133, 91.0132, 107.4308

Background



This preview shows how black text looks on a background with the XYZ color 90.0133, 91.0132, 107.4308.



This preview shows how white text looks on a background with the XYZ color 90.0133, 91.0132,

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

90.0133, 91.0132, 107.4308

Protanopia

88.1066, 90.9140, 107.5122

Deuteranopia

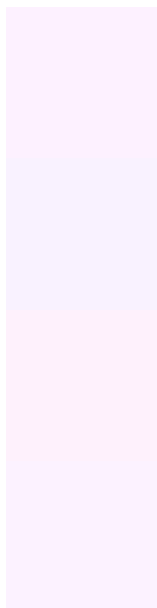
90.1079, 91.1356, 104.1085



Tritanopia

89.5858, 91.2335, 107.4959

Trichromacy



Original Color

90.0133, 91.0132, 107.4308

Protanomaly

88.8691, 90.8640, 107.4623

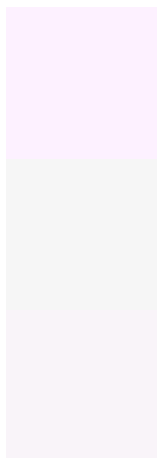
Deuteranomaly

89.8990, 91.0097, 104.9239

Tritanomaly

89.9470, 91.4197, 107.5128

Monochromacy



Original Color

90.0133, 91.0132, 107.4308

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 90.0133, 91.0132, 107.4308 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(253, 241, 255)` looks like.

```
.text, #text, p{  
    color:rgb(253, 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(253, 241, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 241, 255) }
```

Border

The CSS property to change the border of an element to XYZ 90.0133, 91.0132, 107.4308 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(253, 241, 255) }
```


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

```
.border{ border-color:rgb(253, 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(253, 241, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 241, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 241, 255);  
box-shadow:4px 4px 4px 4px rgb(253, 241,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 90.0133, 91.0132, 107.4308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 241, 255) }
```

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

```
.background{ background-color: rgb(253,  
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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