

Converting Colors

XYZ(96.5315, 96.4086,
133.1976)

Have a look what the booklet for
XYZ(96.5315, 96.4086, 133.1976)
contains.

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Color

**XYZ(91.8188, 94.6242,
108.0327)**

Conversions

Conversions Part 1

Format	Color
Hex	FDF7FF
RGB	253, 247, 255
RGB Percent	99%, 97%, 100%
CMY	0.0078, 0.0313, 0.0000
CMYK	0.01, 0.03, 0.00, 0.00
HSL	285°, 100%, 98%
HSV	285°, 3%, 100%
XYZ	91.8188, 94.6242, 108.0327
YIQ	249.7060, 1.0080, 3.7600

Conversions

Conversions Part 2

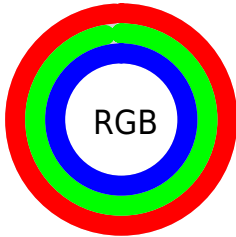
Format	Color
R _Y B	253, 247, 255
Decimal	16644095
CIE Lab	97.88, 3.40, -3.13
CIE LCh	98, 4.619, 317.378
Yxy	94.6242, 0.3118, 0.3213
Android (android.graphics.Color)	4294834175 (0xFFFD7FF)
YUV	249.7060, 2.6099, 2.8888
Hunter-Lab	97.2750, -1.7433, 2.2455

Details

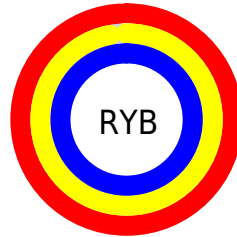
The XYZ color 91.8188, 94.6242, 108.0327 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 91.6179, 98.3763, 102.1603, and the grayscale version is 90.6045, 95.3230, 103.8068.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 51.5888, 53.0746, 60.9515 is the 20% darker color. If you saturate the color by 10%, you get 82.2668, 78.9070, 105.5024, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

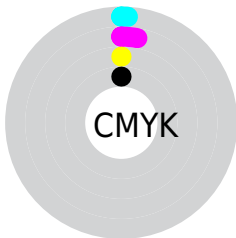
Distribution



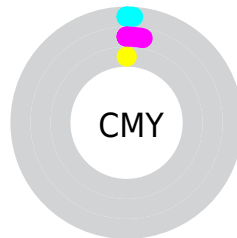
- Red (99%)
- Green (97%)
- Blue (100%)



- Red (99%)
- Yellow (97%)
- Blue (100%)



- Cyan (1%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)




- Cyan (1%)
- Magenta (3%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 91.8188, 94.6242, 108.0327 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 91.8188, 94.6242, 108.0327 by changing the saturation by 10% instead.


 91.8188, 94.6242,
108.0327

 91.8188, 94.6242,
108.0327


522.0799,
542.9612, 607.1159

 69.8314, 71.8222,
82.3715


148.7278,
153.7453, 174.3008

 51.6682, 53.0135,
61.1342


184.3801,
190.8333, 215.7447

 36.9638, 37.8135,
43.9023


225.3180,
233.4520, 263.2867

 25.3530, 25.8380,
30.2570

271.9069,
281.9859, 317.3453

 16.4704, 16.7025,
19.7801

324.5122,
336.8194, 378.3389

 9.9506, 10.0226,
12.0528

383.4992,

 5.4282, 5.4139,

398.3368, 446.6862

6.6567

449.2333,
466.9226, 522.8057

■ 2.5380, 2.4921,
3.1731

■ 0.9144, 0.8727,
1.1837

■ 91.8188, 94.6242,
108.0327

■ 91.8188, 94.6242,
108.0327

■ 82.2668, 78.9070,
105.5024

95.0500, 100.0000,
108.9000

■ 73.8125, 65.2722,
103.3162

■ 66.4117, 53.6315,
101.4594

■ 60.0143, 43.8857,
99.9154

■ 54.5657, 35.9270,
98.6664

■ 50.0060, 29.6367,
97.6926

■ 46.2678, 24.8810,
96.9717

■ 43.2733, 21.5058,
96.4780

■ 40.9281, 19.3234,
96.1804

Harmonies

Analogous

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



90.6980, 94.6242, 110.1265



91.8188, 94.6242, 108.0327



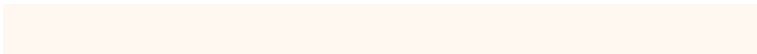
92.4380, 94.6242, 104.6269

Triad

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



91.8188, 94.6242, 108.0327



90.4934, 94.6242, 96.0953



87.5360, 94.6242, 105.2169

Complementary

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



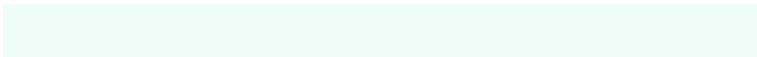
91.8188, 94.6242, 108.0327



91.6179, 98.3763, 102.1603

Split Complementary

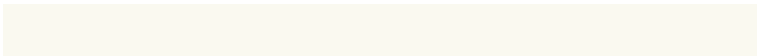
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.4824, 94.6242, 101.4488



91.8188, 94.6242, 108.0327



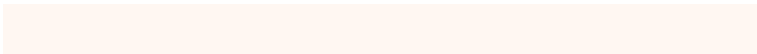
89.1812, 94.6242, 96.2444

Square

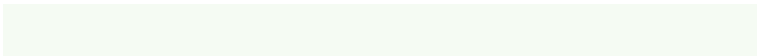
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



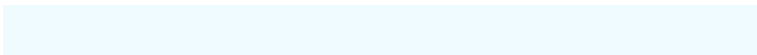
91.8188, 94.6242, 108.0327



91.6678, 94.6242, 97.7709



88.0820, 94.6242, 98.1835



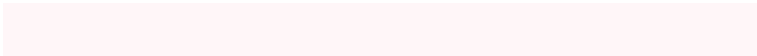
88.2290, 94.6242, 108.4737

Rectangle

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



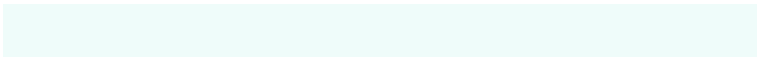
91.8188, 94.6242, 108.0327



92.4791, 94.6242, 102.0987



88.0820, 94.6242, 98.1835



87.4428, 94.6242, 103.9663

Sweetspot

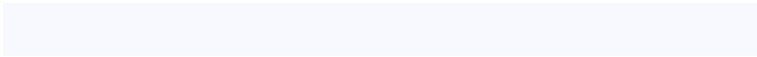
The Sweet Spot groups the original color and five complimentary colors.



91.8212, 94.6282, 108.0333



94.0078, 98.2631, 108.6197



90.2869, 94.7494, 108.1376



20.1325, 21.0507, 23.2520



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.



91.8212, 94.6282, 108.0333



90.9501, 93.1835, 107.8004



92.2325, 94.8771, 106.3817



19.3064, 19.6790, 23.0308



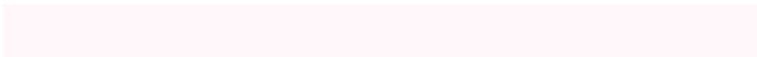
20.8361, 9.6519, 50.1994



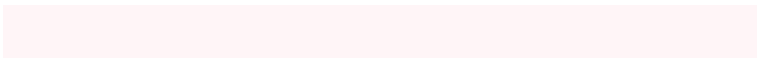
2.1285, 0.9912, 4.8924

Inverse Universe

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



91.6021, 94.6250, 103.0625



90.6745, 93.1809, 101.4855



91.2195, 98.1351, 103.7604



19.2372, 19.6787, 21.4311



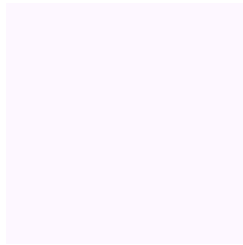
22.0783, 11.3206, 3.7969



2.1912, 1.1188, 0.5882

Previews

White Background



This preview shows how the XYZ color 91.8188, 94.6242, 108.0327 looks on a white background.

Color Contrast Check

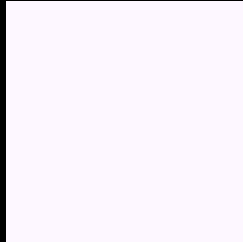
Large Text (above 18pt) WCAG AA × Fail

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 91.8188, 94.6242, 108.0327 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 91.8188, 94.6242, 108.0327

Background



This preview shows how black text looks on a background with the XYZ color 91.8188, 94.6242, 108.0327.



This preview shows how white text looks on a background with the XYZ color 91.8188, 94.6242, 108.0327.

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

91.8188, 94.6242, 108.0327

Protanopia

91.4011, 94.8640, 108.1010

Deuteranopia

91.9134, 94.7466, 104.7103

Tritanopia

91.4011, 94.8640, 108.1010

Trichromacy

Original Color

91.8188, 94.6242, 108.0327

Protanomaly

91.7623, 95.0503, 108.1179

Deuteranomaly

91.7045, 94.6206, 105.5257

Tritanomaly

91.7623, 95.0503, 108.1179

Monochromacy

Original Color

91.8188, 94.6242, 108.0327

Achromatopsia

90.8653, 95.5973, 104.1055

Achromatomaly

91.2300, 95.2889, 105.6797

CSS Examples

Text

The CSS property to change the color of the text to XYZ 91.8188, 94.6242, 108.0327 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, 247, 255) looks like.

```
.text, #text, p{  
    color:rgb(253, 247, 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, 247, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 247, 255) }
```

Border

The CSS property to change the border of an element to XYZ 91.8188, 94.6242, 108.0327 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, 247, 255) }
```


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

```
.border{ border-color:rgb(253, 247, 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, 247, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 247, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 247, 255);  
box-shadow:4px 4px 4px 4px rgb(253, 247,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 91.8188, 94.6242, 108.0327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 247, 255) }
```

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

```
.background{ background-color: rgb(253,  
247, 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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