

# Converting Colors

XYZ(91.4029, 95.8962,  
108.3119)

Have a look what the booklet for  
XYZ(91.4029, 95.8962, 108.3119)  
contains.

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# **Color**

**XYZ(91.3025, 95.7310,  
108.2735)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F9FAFF
RGB	249, 250, 255
RGB Percent	98%, 98%, 100%
CMY	0.0235, 0.0196, 0.0000
CMYK	0.02, 0.02, 0.00, 0.00
HSL	230°, 100%, 99%
HSV	230°, 2%, 100%
XYZ	91.3025, 95.7310, 108.2735
YIQ	250.2710, -2.2010, 1.3430

# Conversions

## Conversions Part 2

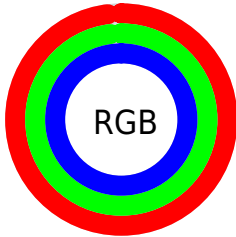
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	249, 250, 255
Decimal	16382719
CIE Lab	98.33, 0.56, -2.51
CIE LCh	98, 2.576, 282.657
Yxy	95.7310, 0.3092, 0.3242
Android (android.graphics.Color)	4294572799 (0xFF9FAFF)
YUV	250.2710, 2.3314, -1.1147
Hunter-Lab	97.8422, -4.6547, 2.8785

# Details

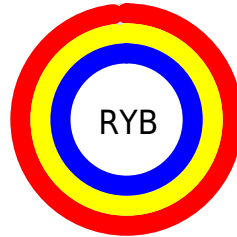
The XYZ color 91.3025, 95.7310, 108.2735 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 93.7795, 98.9805, 103.7863, and the grayscale version is 91.0752, 95.8182, 104.3461.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 51.4771, 53.9982, 61.1356 is the 20% darker color. If you saturate the color by 10%, you get 76.5936, 78.9025, 105.8005, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

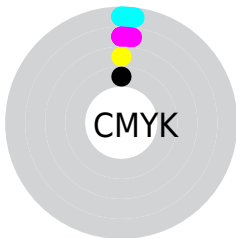
# Distribution



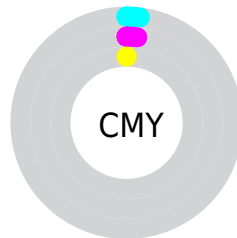
- Red (98%)
- Green (98%)
- Blue (100%)



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



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



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

# Brightness & Saturation Gradients

These gradients show how the XYZ color 91.3025, 95.7310, 108.2735 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 91.3025, 95.7310, 108.2735 by changing the saturation by 10% instead.



91.3025, 95.7310,  
108.2735

91.3025, 95.7310,  
108.2735

520.4337,  
546.5026, 607.8768

69.4013, 72.7435,  
82.5725

148.0155,  
155.2741, 174.6320

51.3164, 53.7663,  
61.2990

183.5580,  
192.5986, 216.1265

36.6825, 38.4148,  
44.0344

224.3782,  
235.4708, 263.7227

25.1343, 26.3048,  
30.3602

270.8416,  
284.2752, 317.8391

16.3064, 17.0518,  
19.8578

323.3135,  
339.3962, 378.8941

9.8335, 10.2714,  
12.1086

382.1593,

5.3501, 5.5793,

401.2182, 447.3064

6.6943

447.7442,  
470.1255, 523.4944

■ 2.4910, 2.5910,  
3.1961

■ 0.8907, 0.9221,  
1.1956

■ 91.3025, 95.7310,  
108.2735

■ 91.3025, 95.7310,  
108.2735

■ 76.5936, 78.9025,  
105.8005

95.0500, 100.0000,  
108.9000

■ 63.7845, 64.1167,  
103.6217

■ 52.7991, 51.2986,  
101.7266

■ 43.5536, 40.3645,  
100.1033

■ 35.9571, 31.2242,  
98.7395

■ 29.9107, 23.7802,  
97.6213

■ 25.3043, 17.9253,  
96.7340

■ 22.0131, 13.5396,  
96.0609

■ 19.8891, 10.4849,  
95.5833

# Harmonies

## Analogous

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



90.5647, 95.7310, 108.1848



91.3025, 95.7310, 108.2735



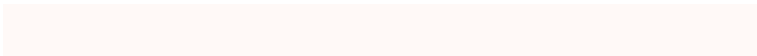
91.9599, 95.7310, 107.2694

# Triad

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



91.3025, 95.7310, 108.2735



92.0430, 95.7310, 101.4899



89.6341, 95.7310, 103.0213

# Complementary

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



91.3025, 95.7310, 108.2735



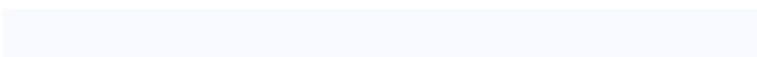
93.7795, 98.9805, 103.7863

# 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.



90.0259, 95.7310, 101.2579



91.3025, 95.7310, 108.2735



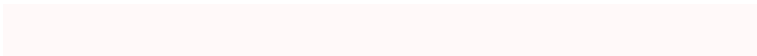
91.4155, 95.7310, 100.3821

# Square

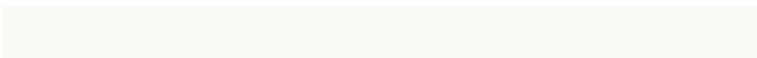
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



91.3025, 95.7310, 108.2735



92.3889, 95.7310, 103.3418



90.6771, 95.7310, 100.2978

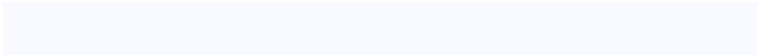


89.6042, 95.7310, 105.1329



# Rectangle

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



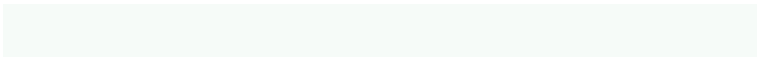
91.3025, 95.7310, 108.2735



92.2630, 95.7310, 106.1233



90.6771, 95.7310, 100.2978



89.7277, 95.7310, 102.3688

# Sweetspot

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



91.3050, 95.7350, 108.2742



93.4445, 98.1725, 108.6319



92.7009, 98.8094, 107.8685



20.0179, 21.0322, 23.2545



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.



91.3050, 95.7350, 108.2742



90.2931, 94.5813, 108.1048



91.6742, 95.4632, 108.2022



19.0608, 19.9412, 23.0944



9.9487, 4.8070, 49.8381



1.0343, 0.5993, 4.8744



# Inverse Universe

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



92.3724, 95.9148, 104.0923



91.6493, 94.8123, 102.7912



93.4037, 99.2612, 103.8602



19.4269, 20.0044, 21.6597



21.8098, 11.2132, 2.3831

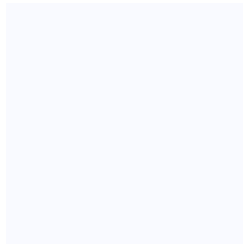


2.1567, 1.1050, 0.4065



# Previews

## White Background



This preview shows how the XYZ color 91.3025, 95.7310, 108.2735 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

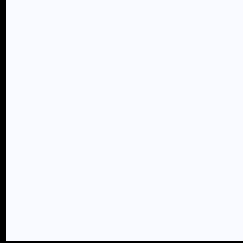
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 91.3025, 95.7310, 108.2735 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

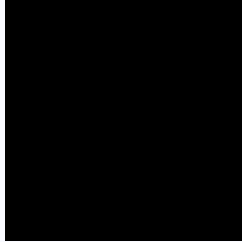
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

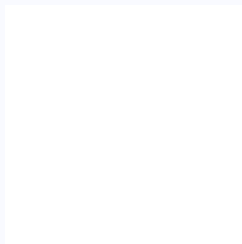
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 91.3025, 95.7310, 108.2735

## Background



This preview shows how black text looks on a background with the XYZ color 91.3025, 95.7310, 108.2735.



This preview shows how white text looks on a background with the XYZ color 91.3025, 95.7310,



# 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

91.3025, 95.7310, 108.2735

### Protanopia

92.2731, 95.7898, 107.3919

### Deuteranopia

92.3781, 95.4231, 105.6451

## **Tritanopia**

91.6599, 95.9152, 108.2902

# Trichromacy

## Original Color

91.3025, 95.7310, 108.2735

## Protanomaly

91.9100, 95.6026, 107.3749

## Deuteranomaly

92.1133, 95.7259, 106.5506

## Tritanomaly

91.6599, 95.9152, 108.2902

# Monochromacy

## Original Color

91.3025, 95.7310, 108.2735

## Achromatopsia

90.8653, 95.5973, 104.1055

## Achromatomaly

91.1806, 95.7235, 105.7662

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 91.3025, 95.7310, 108.2735 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(249, 250, 255) looks like.

```
.text, #text, p{  
    color:rgb(249, 250, 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(249, 250, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 250, 255) }
```

## Border

The CSS property to change the border of an element to XYZ 91.3025, 95.7310, 108.2735 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(249, 250, 255) }
```



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

```
.border{ border-color:rgb(249, 250, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 250, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 250, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 250, 255);  
box-shadow:4px 4px 4px 4px rgb(249, 250,  
255) }
```

# Background

The CSS property to change the background color of an element to XYZ 91.3025, 95.7310, 108.2735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 250, 255) }
```

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

```
.background{ background-color: rgb(249,  
250, 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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