

# Converting Colors

XYZ(92.1286, 96.1440,  
113.3213)

Have a look what the booklet for  
XYZ(92.1286, 96.1440, 113.3213)  
contains.

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# **Color**

**XYZ(90.9470, 95.5477,  
108.2569)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F8FAFF
RGB	248, 250, 255
RGB Percent	97%, 98%, 100%
CMY	0.0274, 0.0196, 0.0000
CMYK	0.03, 0.02, 0.00, 0.00
HSL	223°, 100%, 99%
HSV	223°, 3%, 100%
XYZ	90.9470, 95.5477, 108.2569
YIQ	249.9720, -2.7970, 1.1310

# Conversions

## Conversions Part 2

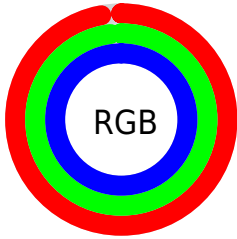
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	248, 250, 255
Decimal	16317183
CIE Lab	98.25, 0.24, -2.63
CIE LCh	98, 2.640, 275.174
Yxy	95.5477, 0.3086, 0.3242
Android (android.graphics.Color)	4294507263 (0xFF8FAFF)
YUV	249.9720, 2.4788, -1.7294
Hunter-Lab	97.7485, -4.9802, 2.7600

# Details

The XYZ color 90.9470, 95.5477, 108.2569 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 93.3075, 98.2853, 102.8614, and the grayscale version is 90.8273, 95.5574, 104.0620.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 51.2231, 53.8673, 61.1238 is the 20% darker color. If you saturate the color by 10%, you get 77.1309, 80.4346, 106.0679, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

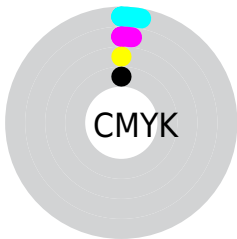
# Distribution



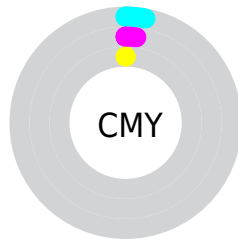
- Red (97%)
- Green (98%)
- Blue (100%)



- Red (97%)
- Yellow (98%)
- Blue (100%)



- Cyan (3%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (3%)
- Magenta (2%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 90.9470, 95.5477, 108.2569 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 90.9470, 95.5477, 108.2569 by changing the saturation by 10% instead.



90.9470, 95.5477,  
108.2569

90.9470, 95.5477,  
108.2569

519.2987,  
545.9169, 607.8243

69.1052, 72.5909,  
82.5587

147.5248,  
155.0211, 174.6091

51.0743, 53.6415,  
61.2876

182.9915,  
192.3064, 216.1002

36.4891, 38.3151,  
44.0253

223.7306,  
235.1367, 263.6927

24.9840, 26.2274,  
30.3530

270.1074,  
283.8964, 317.8050

16.1938, 16.9938,  
19.8524

322.4872,  
338.9699, 378.8558

9.7531, 10.2301,  
12.1048

381.2355,

5.2966, 5.5518,

400.7416, 447.2636

6.6917

446.7175,  
469.5958, 523.4469

■ 2.4588, 2.5745,  
3.1945

■ 0.8745, 0.9139,  
1.1948

■ 90.9470, 95.5477,  
108.2569

■ 90.9470, 95.5477,  
108.2569

■ 77.1309, 80.4346,  
106.0679

95.0500, 100.0000,  
108.9000

■ 65.0248, 66.9874,  
104.1104

■ 54.5622, 55.1507,  
102.3771

■ 45.6695, 44.8614,  
100.8598

■ 38.2672, 36.0523,  
99.5496

■ 32.2683, 28.6507,  
98.4372

■ 27.5767, 22.5770,  
97.5121

■ 24.0824, 17.7428,  
96.7632

■ 21.6553, 14.0462,  
96.1776

# Harmonies

## Analogous

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



90.2034, 95.5477, 107.8779



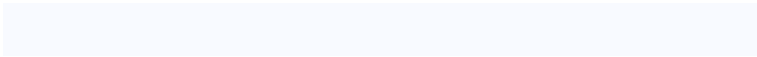
90.9470, 95.5477, 108.2569



91.6592, 95.5477, 107.4919

# Triad

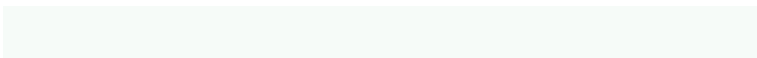
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



90.9470, 95.5477, 108.2569



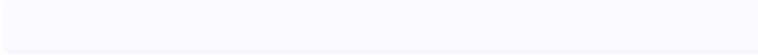
92.0143, 95.5477, 101.6442



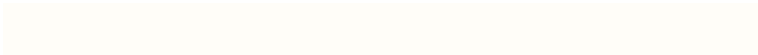
89.4961, 95.5477, 102.2888

# Complementary

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



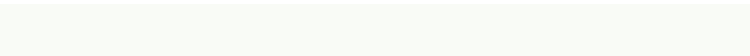
90.9470, 95.5477, 108.2569



93.3075, 98.2853, 102.8614

# Split Complementary

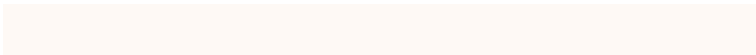
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.9765, 95.5477, 100.6534



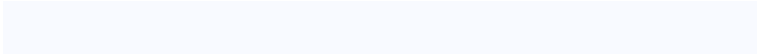
90.9470, 95.5477, 108.2569



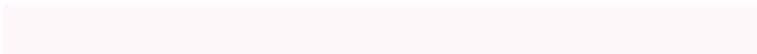
91.4298, 95.5477, 100.2849

# Square

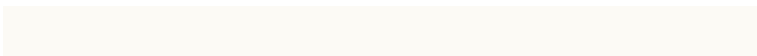
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



90.9470, 95.5477, 108.2569



92.2776, 95.5477, 103.6584



90.6836, 95.5477, 99.9247

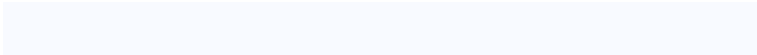


89.3684, 95.5477, 104.4129

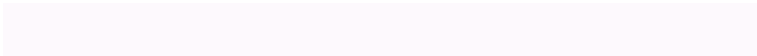


# Rectangle

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



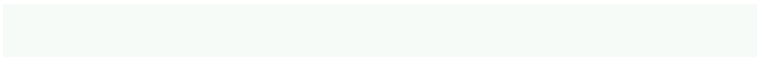
90.9470, 95.5477, 108.2569



92.0195, 95.5477, 106.4423



90.6836, 95.5477, 99.9247



89.6215, 95.5477, 101.6647

# Sweetspot

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



90.9495, 95.5517, 108.2575



93.5403, 98.3640, 108.6638



92.1858, 98.5623, 107.0111



20.0374, 21.0712, 23.2610



0.0000, 0.0000, 0.0000

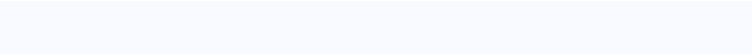


20.3446, 21.4041, 23.3091



# Same Dimension

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



90.9495, 95.5517, 108.2575



90.5744, 95.1441, 108.1986



90.8281, 94.5694, 108.0743



19.1364, 20.0926, 23.1196



10.7869, 6.4833, 50.1175



1.1388, 0.8083, 4.9093



# Inverse Universe

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



92.0642, 95.2983, 103.9895



91.7913, 94.8692, 103.5391



93.4305, 99.2929, 103.0495



19.4651, 20.0197, 21.8609



22.2329, 11.3825, 4.6110

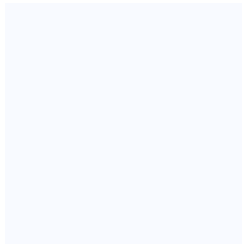


2.2094, 1.1261, 0.6843



# Previews

## White Background



This preview shows how the XYZ color 90.9470, 95.5477, 108.2569 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

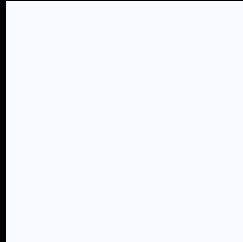
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 90.9470, 95.5477, 108.2569 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

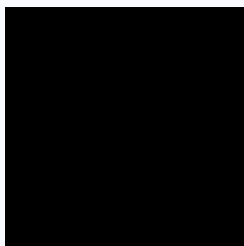
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

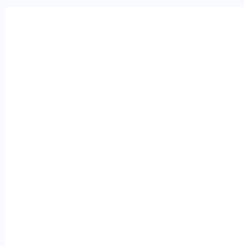
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 90.9470, 95.5477, 108.2569

## Background



This preview shows how black text looks on a background with the XYZ color 90.9470, 95.5477, 108.2569.



This preview shows how white text looks on a background with the XYZ color 90.9470, 95.5477,



# 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**

90.9470, 95.5477, 108.2569

**Protanopia**

92.2731, 95.7898, 107.3919

**Deuteranopia**

92.2200, 95.3598, 104.8126

## **Tritanopia**

91.3500, 95.2954, 108.1869

# Trichromacy

## Original Color

90.9470, 95.5477, 108.2569

## Protanomaly

91.5487, 95.4164, 107.3580

## Deuteranomaly

91.5913, 95.4751, 105.6966

## Tritanomaly

90.9926, 95.1111, 108.1702

# Monochromacy

## Original Color

90.9470, 95.5477, 108.2569

## Achromatopsia

90.8653, 95.5973, 104.1055

## Achromatomaly

90.8232, 95.5392, 105.7495

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 90.9470, 95.5477, 108.2569 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(248, 250, 255) looks like.

```
.text, #text, p{  
    color:rgb(248, 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(248, 250, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 250, 255) }
```

## Border

The CSS property to change the border of an element to XYZ 90.9470, 95.5477, 108.2569 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(248, 250, 255) }
```



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

```
.border{ border-color:rgb(248, 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(248, 250, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 250, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 250, 255);  
box-shadow:4px 4px 4px 4px rgb(248, 250,  
255) }
```

# Background

The CSS property to change the background color of an element to XYZ 90.9470, 95.5477, 108.2569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 250, 255) }
```

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

```
.background{ background-color: rgb(248,  
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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