

# Converting Colors

XYZ(92.2989, 96.1985,  
108.3112)

Have a look what the booklet for  
XYZ(92.2989, 96.1985, 108.3112)  
contains.

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# **Color**

**XYZ(92.3805, 96.2867,  
108.3240)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FCFAFF
RGB	252, 250, 255
RGB Percent	99%, 98%, 100%
CMY	0.0118, 0.0196, 0.0000
CMYK	0.01, 0.02, 0.00, 0.00
HSL	264°, 100%, 99%
HSV	264°, 2%, 100%
XYZ	92.3805, 96.2867, 108.3240
YIQ	251.1680, -0.4130, 1.9790

# Conversions

## Conversions Part 2

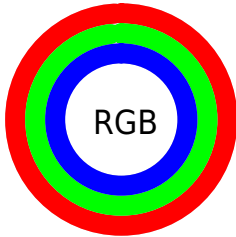
Format	Color
R <sub>Y</sub> B	252, 250, 255
Decimal	16579327
CIE Lab	98.55, 1.55, -2.16
CIE LCh	99, 2.660, 305.558
Yxy	96.2867, 0.3111, 0.3242
Android (android.graphics.Color)	4294769407 (0xFFFCFAFF)
YUV	251.1680, 1.8892, 0.7297
Hunter-Lab	98.1258, -3.6713, 3.2360

# Details

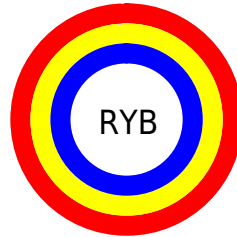
The XYZ color 92.3805, 96.2867, 108.3240 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 93.5259, 99.3060, 104.6861, and the grayscale version is 91.8214, 96.6033, 105.2009.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 51.9905, 54.2629, 61.1597 is the 20% darker color. If you saturate the color by 10%, you get 79.6640, 78.7552, 105.6103, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

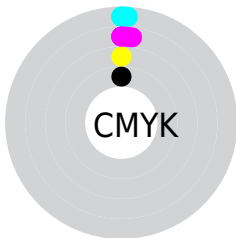
# Distribution



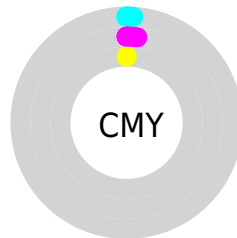
- Red (99%)
- Green (98%)
- Blue (100%)



- Red (99%)
- Yellow (98%)
- Blue (100%)



- Cyan (1%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)




- Cyan (1%)
- Magenta (2%)
- Yellow (0%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 92.3805, 96.2867, 108.3240 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 92.3805, 96.2867, 108.3240 by changing the saturation by 10% instead.




 92.3805, 96.2867,  
108.3240

 92.3805, 96.2867,  
108.3240


523.8677,  
548.2761, 608.0363

 70.2995, 73.2064,  
82.6147


149.5023,  
156.0410, 174.7014

 52.0512, 54.1447,  
61.3336


185.2737,  
193.4838, 216.2066

 37.2703, 38.7174,  
44.0621


226.3394,  
236.4829, 263.8141

 25.5915, 26.5399,  
30.3818

273.0645,  
285.4226, 317.9426

 16.6493, 17.2280,  
19.8741

325.8146,  
340.6874, 379.0105

 10.0786, 10.3972,  
12.1204

384.9549,

 5.5137, 5.6631,

402.6616, 447.4364

6.7022

450.8508,  
471.7297, 523.6388

■ 2.5896, 2.6413,  
3.2009

■ 0.9406, 0.9475,  
1.1981

■ 92.3805, 96.2867,  
108.3240

■ 92.3805, 96.2867,  
108.3240

■ 79.6640, 78.7552,  
105.6103

95.0500, 100.0000,  
108.9000

■ 68.4100, 63.5018,  
103.2592

■ 58.5643, 50.4337,  
101.2557

■ 50.0668, 39.4472,  
99.5830

■ 42.8526, 30.4300,  
98.2227

■ 36.8508, 23.2587,  
97.1549

■ 31.9830, 17.7956,  
96.3569

■ 28.1600, 13.8826,  
95.8031

■ 25.2762, 11.3300,  
95.4624

# Harmonies

## Analogous

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



91.6610, 96.2867, 109.1129



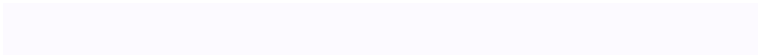
92.3805, 96.2867, 108.3240



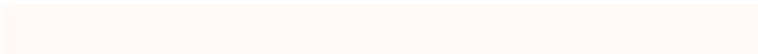
92.8708, 96.2867, 106.6024

# Triad

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



92.3805, 96.2867, 108.3240



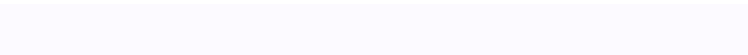
92.1310, 96.2867, 101.0304



90.0533, 96.2867, 105.2507

# Complementary

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



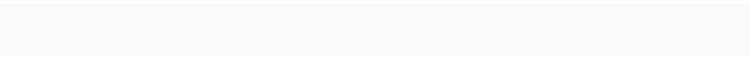
92.3805, 96.2867, 108.3240



93.5259, 99.3060, 104.6861

# 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.



90.1776, 96.2867, 103.0968



92.3805, 96.2867, 108.3240



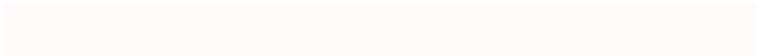
91.3744, 96.2867, 100.6798

# Square

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



92.3805, 96.2867, 108.3240



92.7262, 96.2867, 102.3956



90.6601, 96.2867, 101.4312

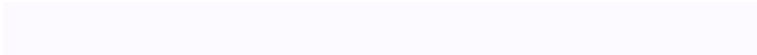


90.3196, 96.2867, 107.3227



# Rectangle

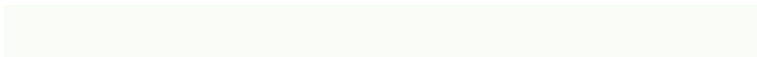
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



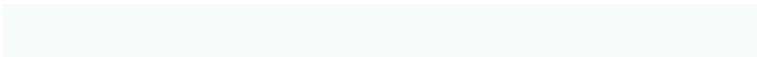
92.3805, 96.2867, 108.3240



93.0003, 96.2867, 105.1682



90.6601, 96.2867, 101.4312



90.0508, 96.2867, 104.5121

# Sweetspot

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



92.3830, 96.2907, 108.3246



93.6809, 98.0946, 108.6044



92.6288, 97.8498, 108.6126



20.0660, 21.0164, 23.2489



0.0000, 0.0000, 0.0000

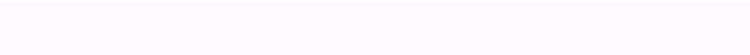


20.3446, 21.4041, 23.3091

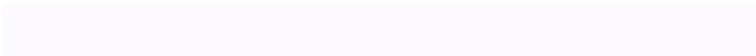


# Same Dimension

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



92.3830, 96.2907, 108.3246



92.3270, 96.2130, 108.3125



93.2635, 96.7446, 108.3658



19.7903, 20.6332, 23.1895



12.4459, 5.3266, 49.8067

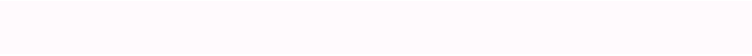


1.3310, 0.5801, 4.8551



# Inverse Universe

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



93.1578, 96.7271, 106.6924



93.1181, 96.6585, 106.6459



92.6519, 98.8554, 104.6452



19.9514, 20.7239, 22.8503



24.6332, 12.3426, 17.2509

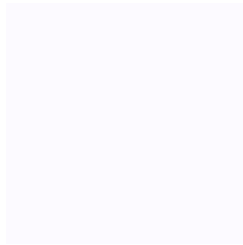


2.4524, 1.2233, 1.9639



# Previews

## White Background



This preview shows how the XYZ color 92.3805, 96.2867, 108.3240 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

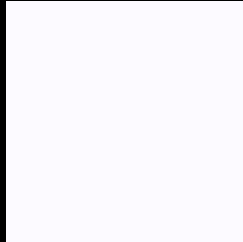
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 92.3805, 96.2867, 108.3240 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

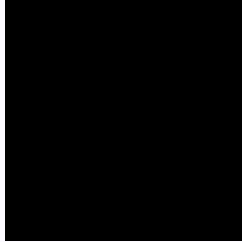
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 92.3805, 96.2867, 108.3240

## Background



This preview shows how black text looks on a background with the XYZ color 92.3805, 96.2867, 108.3240.



This preview shows how white text looks on a background with the XYZ color 92.3805, 96.2867, 108.3240.



# 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

92.3805, 96.2867, 108.3240

### Protanopia

92.7987, 96.0422, 108.2547

### Deuteranopia

92.6864, 96.0396, 105.7479

## **Tritanopia**

92.3805, 96.2867, 108.3240

# Trichromacy

## Original Color

92.3805, 96.2867, 108.3240

## Protanomaly

92.4337, 95.8540, 108.2376

## Deuteranomaly

92.4784, 95.9140, 106.5676

## Tritanomaly

92.3805, 96.2867, 108.3240

# Monochromacy

## Original Color

92.3805, 96.2867, 108.3240

## Achromatopsia

91.6934, 96.4686, 105.0543

## Achromatomaly

91.8515, 96.5319, 105.8869

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 92.3805, 96.2867, 108.3240 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(252, 250, 255) looks like.

```
.text, #text, p{  
    color:rgb(252, 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(252, 250, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 250, 255) }
```

## Border

The CSS property to change the border of an element to XYZ 92.3805, 96.2867, 108.3240 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(252, 250, 255) }
```



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

```
.border{ border-color:rgb(252, 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(252, 250, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 250, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 250, 255);  
box-shadow:4px 4px 4px 4px rgb(252, 250,  
255) }
```

# Background

The CSS property to change the background color of an element to XYZ 92.3805, 96.2867, 108.3240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 250, 255) }
```

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

```
.background{ background-color: rgb(252,  
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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