

# Converting Colors

XYZ(98.8969, 100.0000,  
148.2567)

Have a look what the booklet for  
XYZ(98.8969, 100.0000, 148.2567)  
contains.

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# **Color**

**XYZ(91.5331, 97.2447,  
108.5535)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F7FDFF
RGB	247, 253, 255
RGB Percent	97%, 99%, 100%
CMY	0.0314, 0.0078, 0.0000
CMYK	0.03, 0.01, 0.00, 0.00
HSL	195°, 100%, 98%
HSV	195°, 3%, 100%
XYZ	91.5331, 97.2447, 108.5535
YIQ	251.4340, -4.2180, -0.6500

# Conversions

## Conversions Part 2

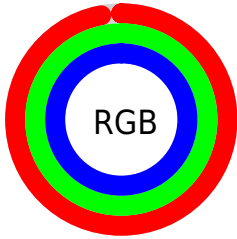
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	247, 250, 255
Decimal	16252415
CIE Lab	98.92, -1.60, -1.65
CIE LCh	99, 2.303, 225.842
Yxy	97.2447, 0.3078, 0.3271
Android (android.graphics.Color)	4294442495 (0xFFFF7DFF)
YUV	251.4340, 1.7580, -3.8886
Hunter-Lab	98.6127, -6.8872, 3.7621

# Details

The XYZ color 91.5331, 97.2447, 108.5535 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 91.9033, 95.7246, 101.6302, and the grayscale version is 92.0459, 96.8395, 105.4582.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 51.4188, 54.6334, 61.2613 is the 20% darker color. If you saturate the color by 10%, you get 81.1750, 88.9773, 107.5037, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

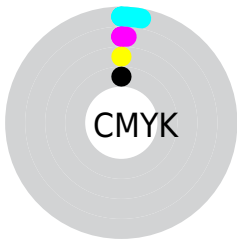
# Distribution



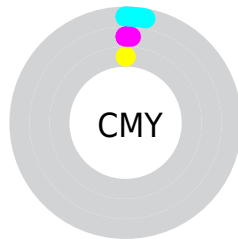
- Red (97%)
- Green (99%)
- Blue (100%)



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



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




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


# Brightness & Saturation Gradients

These gradients show how the XYZ color 91.5331, 97.2447, 108.5535 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 91.5331, 97.2447, 108.5535 by changing the saturation by 10% instead.




 91.5331, 97.2447,  
108.5535

 91.5331, 97.2447,  
108.5535


521.1693,  
551.3265, 608.7609

 69.5933, 74.0046,  
82.8063


148.3337,  
157.3621, 175.0170

 51.4735, 54.7978,  
61.4907


183.9252,  
195.0083, 216.5704

 36.8081, 39.2399,  
44.1881


224.7981,  
238.2253, 264.2295

 25.2320, 26.9464,  
30.4802

271.3176,  
287.3975, 318.4130

 16.3796, 17.5330,  
19.9482

323.8491,  
342.9093, 379.5393

 9.8857, 10.6152,  
12.1737

382.7580,

 5.3849, 5.8087,

405.1452, 448.0270

6.7381

448.4096,  
474.4894, 524.2947

■ 2.5119, 2.7291,  
3.2229

■ 0.9013, 0.9920,  
1.2095

■ 91.5331, 97.2447,  
108.5535

■ 91.5331, 97.2447,  
108.5535

■ 81.1750, 88.9773,  
107.5037

95.0500, 100.0000,  
108.9000

■ 72.0608, 81.4467,  
106.5305

■ 64.1395, 74.6286,  
105.6320

■ 57.3535, 68.4921,  
104.8052

■ 51.6400, 63.0039,  
104.0470

■ 46.9302, 58.1276,  
103.3540

■ 43.1466, 53.8222,  
102.7224

■ 40.1998, 50.0405,  
102.1478

■ 37.9810, 46.7254,  
101.6248

# Harmonies

## Analogous

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



91.1937, 97.2447, 106.8939



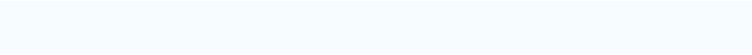
91.5331, 97.2447, 108.5535



92.1132, 97.2447, 109.5029

# Triad

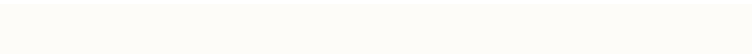
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91.5331, 97.2447, 108.5535



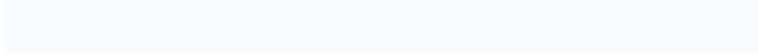
93.6837, 97.2447, 106.7885



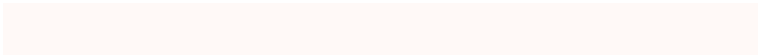
92.0767, 97.2447, 102.3711

# Complementary

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



91.5331, 97.2447, 108.5535



91.9033, 95.7246, 101.6302

# 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.



92.7438, 97.2447, 102.3437



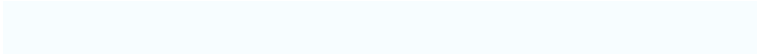
91.5331, 97.2447, 108.5535



93.6738, 97.2447, 104.8784

# Square

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



91.5331, 97.2447, 108.5535



93.3560, 97.2447, 108.4756



93.3291, 97.2447, 103.2566



91.5065, 97.2447, 103.3320



# Rectangle

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



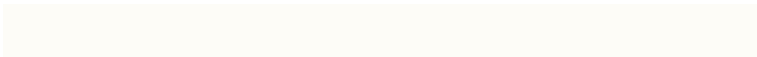
91.5331, 97.2447, 108.5535



92.5594, 97.2447, 109.5980



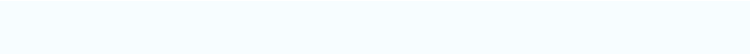
93.3291, 97.2447, 103.2566



92.2970, 97.2447, 102.2528

# Sweetspot

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



91.5356, 97.2487, 108.5542



93.9156, 99.1146, 108.7889



91.1968, 98.1259, 103.6484



20.1138, 21.2239, 23.2865



0.0000, 0.0000, 0.0000

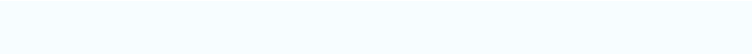


20.3446, 21.4041, 23.3091

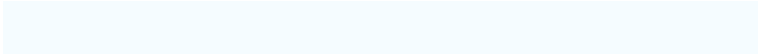


# Same Dimension

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



91.5356, 97.2487, 108.5542



90.5905, 96.5045, 108.4604



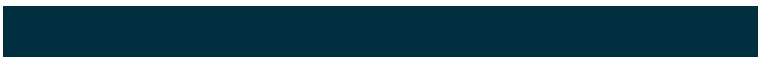
90.3259, 94.8293, 108.1509



19.2155, 20.5182, 23.1976



19.3388, 23.5871, 52.9681



1.9693, 2.4693, 5.1861



# Inverse Universe

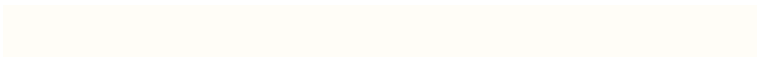
The Inverse Universe completely reimagines the original color for something new.



92.2319, 94.8750, 106.3849



91.4751, 93.5011, 105.7017



93.1122, 98.1423, 102.0332



19.4397, 19.7597, 22.4978



26.5495, 13.1091, 27.3420



2.6286, 1.2938, 2.8918



# Previews

## White Background



This preview shows how the XYZ color 91.5331, 97.2447, 108.5535 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

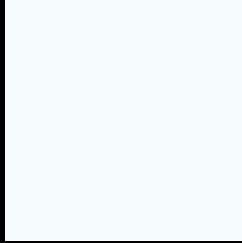
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 91.5331, 97.2447, 108.5535 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

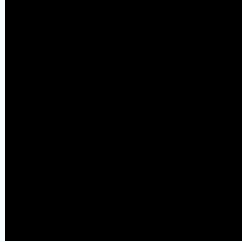
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 91.5331, 97.2447, 108.5535

## Background



This preview shows how black text looks on a background with the XYZ color 91.5331, 97.2447, 108.5535.



This preview shows how white text looks on a background with the XYZ color 91.5331, 97.2447, 108.5535.



# 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

91.5331, 97.2447, 108.5535

### Protanopia

93.4668, 97.3462, 106.7920

### Deuteranopia

93.4668, 97.3462, 106.7920

## **Tritanopia**

92.6441, 97.3500, 108.5153

# Trichromacy

## Original Color

91.5331, 97.2447, 108.5535

## Protanomaly

92.8447, 97.4720, 107.6865

## Deuteranomaly

92.8447, 97.4720, 107.6865

## Tritanomaly

92.2847, 97.1648, 108.4985

# Monochromacy

## Original Color

91.5331, 97.2447, 108.5535

## Achromatopsia

91.6934, 96.4686, 105.0543

## Achromatomaly

91.8054, 96.9731, 105.9745

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 91.5331, 97.2447, 108.5535 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(247, 253, 255)` looks like.

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

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

## Border

The CSS property to change the border of an element to XYZ 91.5331, 97.2447, 108.5535 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(247, 253, 255) }
```



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

```
.border{ border-color:rgb(247, 253, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 253, 255)` colored shadow looks like.

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

# Background

The CSS property to change the background color of an element to XYZ 91.5331, 97.2447, 108.5535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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