

# Converting Colors

XYZ(93.8265, 99.0052,  
107.6022)

Have a look what the booklet for  
XYZ(93.8265, 99.0052, 107.6022)  
contains.

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# Color

**XYZ(93.8392, 98.9220,  
107.9139)**

# Conversions

## Conversions Part 1

Format	Color
Hex	<a href="#">FD FE FE</a>
RGB	<a href="#">253, 254, 254</a>
RGB Percent	<a href="#">99%, 100%, 100%</a>
CMY	<a href="#">0.0078, 0.0039, 0.0039</a>
CMYK	<a href="#">0.00, 0.00, 0.00, 0.00</a>
HSL	<a href="#">180°, 34%, 99%</a>
HSV	<a href="#">180°, 0%, 100%</a>
XYZ	<a href="#">93.8392, 98.9220, 107.9139</a>
YIQ	<a href="#">253.7010, -0.5960, -0.2120</a>

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	253, 254, 254
Decimal	16645886
CIE Lab	99.58, -0.32, -0.13
CIE LCh	100, 0.347, 201.285
Yxy	98.9220, 0.3121, 0.3290
Android (android.graphics.Color)	4294835966 (0xFFFD FEFE)
YUV	253.7010, 0.1474, -0.6148
Hunter-Lab	99.4595, -5.6410, 5.2918

# Details

The XYZ color 93.8392, 98.9220, 107.9139 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 93.7316, 98.4158, 106.9894, and the grayscale version is 93.9549, 98.8479, 107.6454.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 52.8092, 55.6995, 60.7911 is the 20% darker color. If you saturate the color by 10%, you get 85.1847, 94.4652, 107.4212, and if you desaturate by 10%, it is 94.5906, 99.3102, 108.0408.

# Distribution



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



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



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



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

# Brightness & Saturation Gradients

These gradients show how the XYZ color 93.8392, 98.9220, 107.9139 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 93.8392, 98.9220, 107.9139 by changing the saturation by 10% instead.




93.8392, 98.9220,  
107.9139

93.8392, 98.9220,  
107.9139


528.4957,  
556.6461, 606.7403

 71.5159, 75.4035,  
82.2724


151.5114,  
159.6721, 174.1373

 53.0474, 55.9435,  
61.0530


187.5910,  
197.6724, 215.5563

 38.0682, 40.1576,  
43.8371


228.9868,  
241.2689, 263.0715

 26.2131, 27.6615,  
30.2062

276.0642,  
290.8458, 317.1016

 17.1166, 18.0706,  
19.7418

329.1883,  
346.7876, 378.0649

 10.4135, 11.0007,  
12.0253

388.7248,

 5.7383, 6.0673,

409.4786, 446.3801

6.6381

455.0388,  
479.3033, 522.4657

■ 2.7258, 2.8861,  
3.1618

■ 1.0105, 1.0725,  
1.1779

■ 93.8392, 98.9220,  
107.9139

93.8392, 98.9220,  
107.9139

■ 85.1847, 94.4652,  
107.4212

94.5906, 99.3102,  
108.0408

■ 77.7104, 90.6141,  
106.9818

94.6078, 99.3170,  
108.1314

■ 71.3678, 87.3463,  
106.5953

94.6250, 99.3239,  
108.2221

■ 66.1014, 84.6334,  
106.2593

94.6422, 99.3308,  
108.3128

■ 61.8515, 82.4445, 94.6595, 99.3377,  
105.9709 108.4036

■ 58.5523, 80.7457, 94.6767, 99.3446,  
105.7271 108.4944

■ 56.1304, 79.4991, 94.6940, 99.3515,  
105.5243 108.5852

■ 54.5016, 78.6614, 94.7112, 99.3584,  
105.3588 108.6761

■ 53.5652, 78.1806, 94.7285, 99.3653,  
105.2256 108.7671

# Harmonies

## Analogous

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

93.8281, 98.9220, 107.6239

93.8392, 98.9220, 107.9139

93.8994, 98.9220, 108.1495

# Triad

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

93.8392, 98.9220, 107.9139

94.1760, 98.9220, 108.0620

94.0522, 98.9220, 107.1533

# Complementary

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

93.8392, 98.9220, 107.9139

93.7316, 98.4158, 106.9894

# 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.

94.1455, 98.9220, 107.2702

93.8392, 98.9220, 107.9139

94.2170, 98.9220, 107.7946

# Square

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

93.8392, 98.9220, 107.9139

94.0938, 98.9220, 108.2351

94.2058, 98.9220, 107.5048

93.9510, 98.9220, 107.1851



# Rectangle

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

93.8392, 98.9220, 107.9139

93.9593, 98.9220, 108.2438

94.2058, 98.9220, 107.5048

94.0855, 98.9220, 107.1765

# Sweetspot

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



93.8420, 98.9262, 107.9161



95.0500, 100.0000, 108.9000



93.6883, 98.8655, 107.0750



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

# Same Dimension

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



93.8420, 98.9262, 107.9161



95.0500, 100.0000, 108.9000



93.6888, 98.6188, 107.8684



20.3446, 21.4041, 23.3091



28.0280, 41.1078, 55.4262



2.7300, 4.0029, 5.4021



# Inverse Universe

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



93.7316, 98.4158, 106.9894

95.0500, 100.0000, 108.9000



93.8844, 98.7224, 107.0370



20.3446, 21.4041, 23.3091



21.5532, 11.1106, 1.0318



2.0996, 1.0822, 0.1060



# Previews

## White Background



## Color Contrast Check

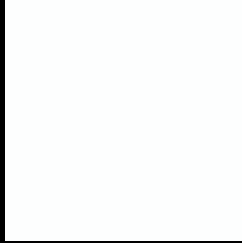
Large Text (above 18pt) WCAG AA × Fail

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 93.8392, 98.9220, 107.9139 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

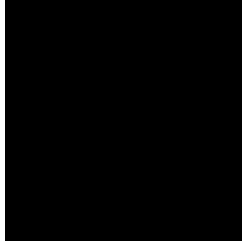
Any Text WCAG AAA ✓ Pass

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



# XYZ 93.8392, 98.9220, 107.9139

## Background



This preview shows how black text looks on a background with the XYZ color 93.8392, 98.9220, 107.9139.



# 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

93.8392, 98.9220, 107.9139

### Protanopia

94.2547, 98.6663, 107.8427

### Deuteranopia

94.2547, 98.6663, 107.8427

# Tritanopia

94.3649, 99.1745, 108.7768

# Trichromacy

## Original Color

93.8392, 98.9220, 107.9139

## Protanomaly

93.8877, 98.4771, 107.8255

## Deuteranomaly

93.8877, 98.4771, 107.8255

## Tritanomaly

94.3649, 99.1745, 108.7768

# Monochromacy

## Original Color

93.8392, 98.9220, 107.9139

## Achromatopsia

94.2043, 99.1102, 107.9310

## Achromatomaly

94.2043, 99.1102, 107.9310

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 93.8392, 98.9220, 107.9139 is called "color". The color property can be set on classes, ids or directly on the HTML element.

```
.text, #text, p{  
    color:rgb(253, 254, 254)  
}
```

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, 254, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 254, 254) }
```

## Border

The CSS property to change the border of an element to XYZ 93.8392, 98.9220, 107.9139 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, 254, 254) }
```

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

```
.border{ border-color:rgb(253, 254, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 254, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 254, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 254, 254);  
box-shadow:4px 4px 4px 4px rgb(253, 254,  
254) }
```



# Background

The CSS property to change the background color of an element to XYZ 93.8392, 98.9220, 107.9139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 254, 254) }
```

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

```
.background{ background-color: rgb(253,  
254, 254) }
```

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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