

# Converting Colors

XYZ(96.3686, 100.0451,  
120.4880)

Have a look what the booklet for  
XYZ(96.3686, 100.0451, 120.4880)  
contains.

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# Color

**XYZ(93.9998, 98.9863,  
108.7597)**

# Conversions

## Conversions Part 1

Format	Color
Hex	<a href="#">FDFFEF</a>
RGB	<a href="#">253, 254, 255</a>
RGB Percent	<a href="#">99%, 100%, 100%</a>
CMY	<a href="#">0.0078, 0.0039, 0.0000</a>
CMYK	<a href="#">0.01, 0.00, 0.00, 0.00</a>
HSL	<a href="#">210°, 100%, 100%</a>
HSV	<a href="#">210°, 1%, 100%</a>
XYZ	<a href="#">93.9998, 98.9863, 108.7597</a>
YIQ	<a href="#">253.8150, -0.9170, 0.0990</a>

# Conversions

## Conversions Part 2

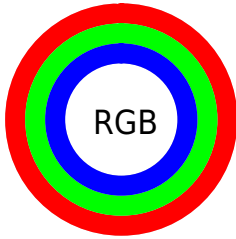
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	253, 254, 255
Decimal	16645887
CIE <sub>Lab</sub>	99.61, -0.15, -0.60
CIE <sub>LCh</sub>	100, 0.620, 256.216
Yxy	98.9863, 0.3115, 0.3280
Android (android.graphics.Color)	4294835967 (0xFFFDFF)
YUV	253.8150, 0.5842, -0.7148
Hunter-Lab	99.4919, -5.4641, 4.8313

# Details

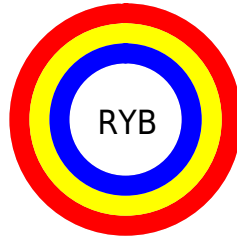
The XYZ color 93.9998, 98.9863, 108.7597 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 94.4102, 99.2327, 107.1077, and the grayscale version is 94.0475, 98.9453, 107.7514.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 52.9242, 55.7455, 61.3966 is the 20% darker color. If you saturate the color by 10%, you get 81.4383, 86.7352, 107.0570, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

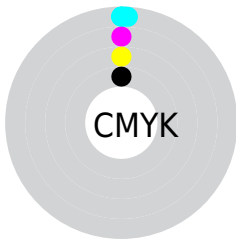
# Distribution



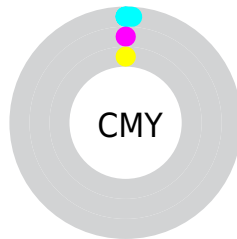
- Red (99%)
- Green (100%)
- Blue (100%)



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



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



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

# Brightness & Saturation Gradients

These gradients show how the XYZ color 93.9998, 98.9863, 108.7597 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 93.9998, 98.9863, 108.7597 by changing the saturation by 10% instead.



93.9998, 98.9863,  
108.7597

93.9998, 98.9863,  
108.7597

529.0039,  
556.8495, 609.4116

71.6499, 75.4572,  
82.9784

151.7324,  
159.7605, 175.3005

53.1572, 55.9875,  
61.6318

187.8459,  
197.7744, 216.8971

38.1563, 40.1929,  
44.3014

229.2779,  
241.3854, 264.6025

26.2817, 27.6890,  
30.5686

276.3938,  
290.9777, 318.8354

17.1683, 18.0913,  
20.0149

329.5590,  
346.9360, 380.0142

10.4506, 11.0156,  
12.2217

389.1389,

5.7633, 6.0773,

409.6444, 448.5575

6.7705

455.4988,  
479.4874, 524.8837

■ 2.7410, 2.8922,  
3.2427

■ 1.0183, 1.0757,  
1.2199

93.9998, 98.9863,  
108.7597

93.9998, 98.9863,  
108.7597

■ 81.4383, 86.7352,  
107.0570

95.0500, 100.0000,  
108.9000

■ 70.3279, 75.6175,  
105.4967

■ 60.6137, 65.5999,  
104.0751

■ 52.2344, 56.6427,  
102.7878

■ 45.1236, 48.7033,  
101.6302

■ 39.2089, 41.7359,  
100.5970

■ 34.4098, 35.6897,  
99.6830

■ 30.6343, 30.5083,  
98.8818

■ 27.7737, 26.1256,  
98.1867

# Harmonies

## Analogous

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

93.8405, 98.9863, 108.5075

93.9998, 98.9863, 108.7597

94.1817, 98.9863, 108.7486

# Triad

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

93.9998, 98.9863, 108.7597

94.4214, 98.9863, 107.4984

93.8300, 98.9863, 107.0843

# Complementary

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

93.9998, 98.9863, 108.7597

94.4102, 99.2327, 107.1077

# 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.

93.9854, 98.9863, 106.8157

93.9998, 98.9863, 108.7597

94.3269, 98.9863, 107.0543

# Square

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

93.9998, 98.9863, 108.7597

94.4252, 98.9863, 108.0192

94.1673, 98.9863, 106.8047

93.7426, 98.9863, 107.5396



# Rectangle

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

93.9998, 98.9863, 108.7597

94.2913, 98.9863, 108.5933

94.1673, 98.9863, 106.8047

93.8760, 98.9863, 106.9693

# Sweetspot

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



94.0023, 98.9904, 108.7604



95.0500, 100.0000, 108.9000



94.1528, 99.5566, 107.9926



20.3446, 21.4041, 23.3091



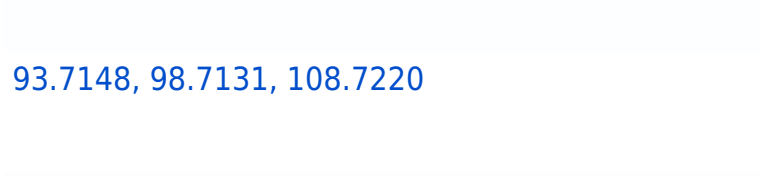
0.0000, 0.0000, 0.0000

# Same Dimension

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



94.0023, 98.9904, 108.7604



93.7148, 98.7131, 108.7220



93.6949, 98.3755, 108.6579



20.0729, 21.1422, 23.2729



13.6267, 12.1629, 51.0641



1.4360, 1.4028, 5.0083



# Inverse Universe

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



94.2561, 98.6677, 107.8480



94.0384, 98.3024, 107.5588

94.7192, 99.8507, 107.2107



20.1387, 21.0586, 23.0362



23.6663, 11.9558, 12.1592



2.3595, 1.1862, 1.4743



# Previews

## White Background



### Color Contrast Check

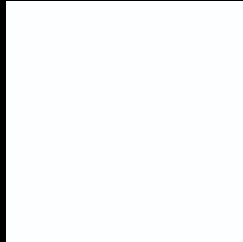
Large Text (above 18pt) WCAG AA × Fail

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 93.9998, 98.9863, 108.7597 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

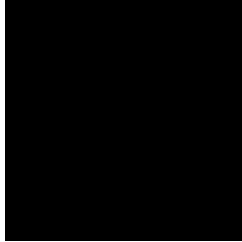
Any Text WCAG AAA ✓ Pass

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



# XYZ 93.9998, 98.9863, 108.7597

## Background



This preview shows how black text looks on a background with the XYZ color 93.9998, 98.9863, 108.7597.



# 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

93.9998, 98.9863, 108.7597

### Protanopia

94.2547, 98.6663, 107.8427

### Deuteranopia

94.2547, 98.6663, 107.8427

# Tritanopia

94.3649, 99.1745, 108.7768

# Trichromacy

## Original Color

93.9998, 98.9863, 108.7597

## Protanomaly

93.8877, 98.4771, 107.8255

## Deuteranomaly

93.8877, 98.4771, 107.8255

## Tritanomaly

94.3649, 99.1745, 108.7768

# Monochromacy

## Original Color

93.9998, 98.9863, 108.7597

## 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 93.9998, 98.9863, 108.7597 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, 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(253, 254, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 254, 255) }
```

## Border

The CSS property to change the border of an element to XYZ 93.9998, 98.9863, 108.7597 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, 255) }
```

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

```
.border{ border-color:rgb(253, 254, 255) }
```

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, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 254, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 254, 255);  
box-shadow:4px 4px 4px 4px rgb(253, 254,  
255) }
```



# Background

The CSS property to change the background color of an element to XYZ 93.9998, 98.9863, 108.7597 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, 255) }
```

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

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