

# Converting Colors

XYZ(93.6232, 99.3580,  
104.6038)

Have a look what the booklet for  
XYZ(93.6232, 99.3580, 104.6038)  
contains.

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# **Color**

**XYZ(93.5233, 99.3048,  
104.6810)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FDFFFA
RGB	253, 255, 250
RGB Percent	99%, 100%, 98%
CMY	0.0078, 0.0000, 0.0196
CMYK	0.01, 0.00, 0.02, 0.00
HSL	84°, 100%, 99%
HSV	84°, 2%, 100%
XYZ	93.5233, 99.3048, 104.6810
YIQ	253.8320, 0.4130, -1.9790

# Conversions

## Conversions Part 2

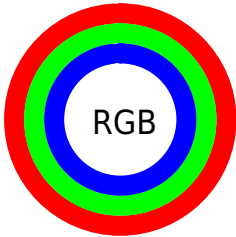
Format	Color
R <sub>Y</sub> B	250, 255, 252
Decimal	16646138
CIE Lab	99.73, -1.52, 2.14
CIE LCh	100, 2.629, 125.446
Yxy	99.3048, 0.3144, 0.3338
Android (android.graphics.Color)	4294836218 (0xFFFDFFFA)
YUV	253.8320, -1.8892, -0.7297
Hunter-Lab	99.6518, -6.8682, 7.4740

# Details

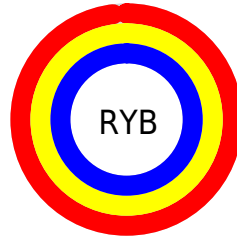
The XYZ color 93.5233, 99.3048, 104.6810 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 92.3812, 96.2878, 108.3241, and the grayscale version is 94.0783, 98.9777, 107.7867.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 52.6966, 56.0190, 59.0743 is the 20% darker color. If you saturate the color by 10%, you get 86.1776, 95.9491, 84.8563, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

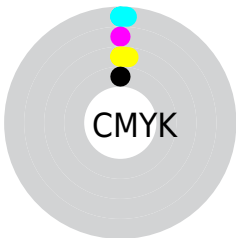
# Distribution



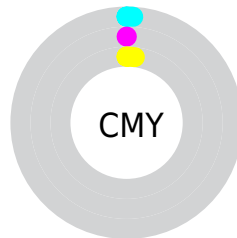
- Red (99%)
- Green (100%)
- Blue (98%)



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



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



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

# Brightness & Saturation Gradients

These gradients show how the XYZ color 93.5233, 99.3048, 104.6810 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 93.5233, 99.3048, 104.6810 by changing the saturation by 10% instead.



93.5233, 99.3048,  
104.6810

93.5233, 99.3048,  
104.6810

527.4952,  
557.8565, 596.4728

71.2524, 75.7230,  
79.5770

151.0766,  
160.1987, 169.6830

52.8315, 56.2054,  
58.8462

187.0896,  
198.2796, 210.4180

37.8952, 40.3676,  
42.0701

228.4141,  
241.9622, 257.2005

26.0782, 27.8253,  
28.8302

275.4153,  
291.6311, 310.4489

17.0151, 18.1940,  
18.7079

328.4587,  
347.6706, 370.5817

10.3406, 11.0894,  
11.2848

387.9096,

5.6894, 6.1270,

410.4650, 438.0177

6.1421

454.1333,  
480.3989, 513.1752

■ 2.6960, 2.9224,  
2.8615

■ 0.9951, 1.0914,  
1.0244

■ 93.5233, 99.3048,  
104.6810

■ 93.5233, 99.3048,  
104.6810

■ 86.1776, 95.9491,  
84.8563

95.0500, 100.0000,  
108.9000

■ 79.5457, 92.9015,  
67.7732

■ 73.6022, 90.1514,  
53.3119

■ 68.3192, 87.6874,  
41.3423

■ 63.6665, 85.4969,  
31.7228

■ 59.6113, 83.5665,  
24.2978

■ 56.1170, 81.8811,  
18.8930

■ 53.1418, 80.4237,  
15.3074

■ 50.6360, 79.1738,  
13.2988

# Harmonies

## Analogous

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

94.2447, 99.3048, 103.9264

93.5233, 99.3048, 104.6810

93.0352, 99.3048, 106.3595

# Triad

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

93.5233, 99.3048, 104.6810

93.7674, 99.3048, 112.0608

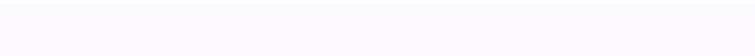
95.8798, 99.3048, 107.7209

# Complementary

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



93.5233, 99.3048, 104.6810



92.3812, 96.2878, 108.3241

# 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.



95.7503, 99.3048, 109.9121



93.5233, 99.3048, 104.6810



94.5280, 99.3048, 112.4373

# Square

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



93.5233, 99.3048, 104.6810



93.1755, 99.3048, 110.6240



95.2545, 99.3048, 111.6459



95.6074, 99.3048, 105.6660



# Rectangle

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



93.5233, 99.3048, 104.6810



92.9062, 99.3048, 107.7870



95.2545, 99.3048, 111.6459



95.8819, 99.3048, 108.4658

# Sweetspot

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



93.5241, 99.3052, 104.6825



94.2680, 99.6440, 106.7345



93.2802, 97.7314, 104.3916



20.1855, 21.3317, 22.8684



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.



93.5241, 99.3052, 104.6825



93.4934, 99.2911, 104.5978



92.6499, 98.8545, 104.6416



20.0278, 21.2598, 22.4333



25.7264, 41.0005, 6.5580



2.6282, 4.0557, 0.6443

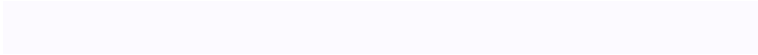


# Inverse Universe

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



92.3812, 96.2878, 108.3241



92.3274, 96.2132, 108.3126



93.2620, 96.7419, 108.3654



19.7904, 20.6333, 23.1895



12.4497, 5.3285, 49.8069



1.3314, 0.5803, 4.8551



# Previews

## White Background



This preview shows how the XYZ color 93.5233, 99.3045, 104.6210 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

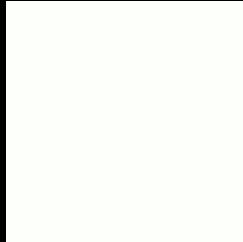
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 93.5233, 99.3048, 104.6810 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

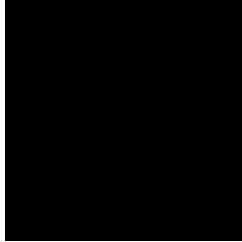
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 93.5233, 99.3048, 104.6810

## Background



This preview shows how black text looks on a background with the XYZ color 93.5233, 99.3048, 104.6810.





# 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

93.5233, 99.3048, 104.6810

### Protanopia

94.4114, 99.2355, 107.1069

### Deuteranopia

94.5712, 99.2994, 107.9482

## Tritanopia

94.3649, 99.1745, 108.7768

# Trichromacy

## Original Color

93.5233, 99.3048, 104.6810

## Protanomaly

93.8855, 98.9827, 106.2527

## Deuteranomaly

94.0445, 99.0463, 107.0897

## Tritanomaly

94.0445, 99.0463, 107.0897

# Monochromacy

## Original Color

93.5233, 99.3048, 104.6810

## Achromatopsia

94.2043, 99.1102, 107.9310

## Achromatomaly

94.0445, 99.0463, 107.0897

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 93.5233, 99.3048, 104.6810 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(253, 255, 250) looks like.

```
.text, #text, p{  
    color:rgb(253, 255, 250)  
}
```

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, 255, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 255, 250) }
```

## Border

The CSS property to change the border of an element to XYZ 93.5233, 99.3048, 104.6810 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, 255, 250) }
```



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

```
.border{ border-color:rgb(253, 255, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 255, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 255, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 255, 250);  
box-shadow:4px 4px 4px 4px rgb(253, 255,  
250) }
```

# Background

The CSS property to change the background color of an element to XYZ 93.5233, 99.3048, 104.6810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 255, 250) }
```

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

```
.background{ background-color: rgb(253,  
255, 250) }
```

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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