

# Converting Colors

XYZ(93.0970, 97.7414,  
103.2074)

Have a look what the booklet for  
XYZ(93.0970, 97.7414, 103.2074)  
contains.

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# **Color**

**XYZ(93.1493, 97.7204,  
103.5750)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFFCF9
RGB	255, 252, 249
RGB Percent	100%, 99%, 98%
CMY	0.0000, 0.0117, 0.0235
CMYK	0.00, 0.01, 0.02, 0.00
HSL	30°, 100%, 99%
HSV	30°, 2%, 100%
XYZ	93.1493, 97.7204, 103.5750
YIQ	252.5550, 2.7510, -0.2970

# Conversions

## Conversions Part 2

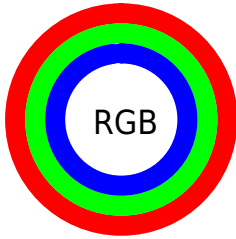
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	255, 255, 249
Decimal	16776441
CIE <sub>Lab</sub>	99.11, 0.48, 1.77
CIE <sub>LCh</sub>	99, 1.836, 74.895
Y <sub>xy</sub>	97.7204, 0.3164, 0.3319
Android (android.graphics.Color)	4294966521 (0xFFFFFCF9)
Y <sub>UV</sub>	252.5550, -1.7526, 2.1443
Hunter-Lab	98.8536, -4.7942, 7.0758

# Details

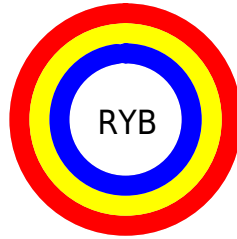
The XYZ color 93.1493, 97.7204, 103.5750 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 91.9266, 96.9782, 108.4813, and the grayscale version is 93.0057, 97.8492, 106.5578.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 52.4294, 54.8862, 58.2829 is the 20% darker color. If you saturate the color by 10%, you get 85.5751, 88.5110, 82.7413, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

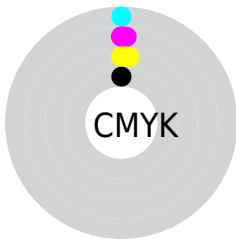
# Distribution



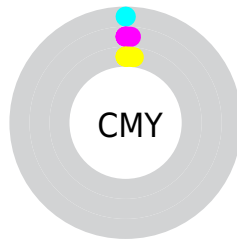
- Red (100%)
- Green (99%)
- Blue (98%)



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



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



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

# Brightness & Saturation Gradients

These gradients show how the XYZ color 93.1493, 97.7204, 103.5750 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 93.1493, 97.7204, 103.5750 by changing the saturation by 10% instead.



93.1493, 97.7204,  
103.5750

93.1493, 97.7204,  
103.5750

526.3095,  
552.8379, 592.9389

70.9404, 74.4012,  
78.6560

150.5616,  
158.0176, 168.1560

52.5760, 55.1225,  
58.0934

186.4957,  
195.7645, 208.6552

37.6905, 39.4998,  
41.4686

227.7356,  
239.0894, 255.1848

25.9187, 27.1488,  
28.3629

274.6466,  
288.3767, 308.1634

16.8952, 17.6850,  
18.3580

327.5942,  
344.0108, 368.0096

10.2546, 10.7241,  
11.0352

386.9436,

5.6317, 5.8816,

406.3761, 435.1419

5.9761

453.0603,  
475.8570, 509.9788

■ 2.6609, 2.7732,  
2.7620

■ 0.9771, 1.0145,  
0.9744

■ 93.1493, 97.7204,  
103.5750

■ 93.1493, 97.7204,  
103.5750

■ 85.5751, 88.5110,  
82.7413

95.0500, 100.0000,  
108.9000

■ 78.7796, 80.0300,  
64.7224

■ 72.7365, 72.2615,  
49.3971

■ 67.4155, 65.1844,  
36.6332

■ 62.7839, 58.7765,  
26.2869

■ 58.8062, 53.0142,  
18.2001

■ 55.4430, 47.8717,  
12.1958

■ 52.6495, 43.3211,  
8.0697

■ 50.3726, 39.3302,  
5.5754

# Harmonies

## Analogous

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



93.6127, 97.7204, 104.3300



93.1493, 97.7204, 103.5750



92.6155, 97.7204, 103.5722

# Triad

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



93.1493, 97.7204, 103.5750



91.8873, 97.7204, 107.1618



93.6101, 97.7204, 108.5068

# Complementary

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



93.1493, 97.7204, 103.5750



91.9266, 96.9782, 108.4813

# 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.



93.1456, 97.7204, 109.2806



93.1493, 97.7204, 103.5750



92.1517, 97.7204, 108.4990

# Square

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



93.1493, 97.7204, 103.5750



91.8883, 97.7204, 105.6331



92.6118, 97.7204, 109.2777



93.8795, 97.7204, 107.1724



# Rectangle

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



93.1493, 97.7204, 103.5750



92.2916, 97.7204, 103.9969



92.6118, 97.7204, 109.2777



93.4715, 97.7204, 108.8417

# Sweetspot

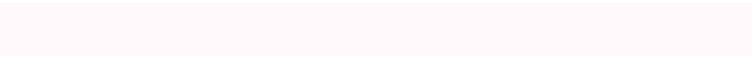
The Sweet Spot groups the original color and five complimentary colors.



93.1515, 97.7243, 103.5771



94.2374, 99.0275, 106.6172



92.6871, 96.0408, 105.7488



20.1793, 21.2062, 22.8445



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

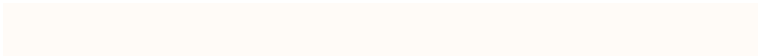


# Same Dimension

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



93.1515, 97.7243, 103.5771



92.6365, 97.1050, 102.1398



94.0992, 99.6197, 103.8930



19.6926, 20.6213, 21.4850



25.7127, 19.4367, 2.3964

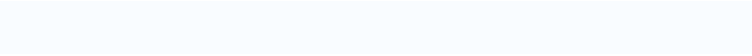


2.6128, 2.1109, 0.2697



# Inverse Universe

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



91.9266, 96.9782, 108.4813



91.0811, 96.1574, 108.3675



90.9938, 95.1126, 108.1704



19.2730, 20.3657, 23.1651



13.5651, 12.0398, 51.0435



1.4300, 1.3906, 5.0063



# Previews

## White Background



This preview shows how the XYZ color 93.1493, 97.7204, 103.5750 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

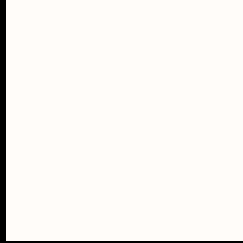
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 93.1493, 97.7204, 103.5750 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 93.1493, 97.7204, 103.5750

## Background



This preview shows how black text looks on a background with the XYZ color 93.1493, 97.7204, 103.5750.



This preview shows how white text looks on a background with the XYZ color 93.1493, 97.7204, 103.5750.



# 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

93.1493, 97.7204, 103.5750

### Protanopia

93.4630, 97.8458, 105.2269

### Deuteranopia

93.6211, 97.9091, 106.0594

## **Tritanopia**

93.3684, 97.7235, 108.5492

# Trichromacy

## Original Color

93.1493, 97.7204, 103.5750

## Protanomaly

93.3057, 97.7829, 104.3987

## Deuteranomaly

93.4630, 97.8458, 105.2269

## Tritanomaly

93.4131, 97.7835, 106.8792

# Monochromacy

## Original Color

93.1493, 97.7204, 103.5750

## Achromatopsia

93.3629, 98.2251, 106.9671

## Achromatomaly

93.5690, 98.3497, 106.1472

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 93.1493, 97.7204, 103.5750 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(255, 252, 249)` looks like.

```
.text, #text, p{  
    color:rgb(255, 252, 249)  
}
```

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(255, 252, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 252, 249) }
```

## Border

The CSS property to change the border of an element to XYZ 93.1493, 97.7204, 103.5750 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(255, 252, 249) }
```



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

```
.border{ border-color:rgb(255, 252, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 252, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 252, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 252, 249);  
box-shadow:4px 4px 4px 4px rgb(255, 252,  
249) }
```

# Background

The CSS property to change the background color of an element to XYZ 93.1493, 97.7204, 103.5750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 252, 249) }
```

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

```
.background{ background-color: rgb(255,  
252, 249) }
```

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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