

Converting Colors

XYZ(93.9584, 97.4080,
106.6474)

Have a look what the booklet for
XYZ(93.9584, 97.4080, 106.6474)
contains.

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Color

**XYZ(93.4668, 97.3462,
106.7920)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFbfd
RGB	255, 251, 253
RGB Percent	100%, 98%, 99%
CMY	0.0000, 0.0157, 0.0078
CMYK	0.00, 0.02, 0.01, 0.00
HSL	330°, 100%, 99%
HSV	330°, 2%, 100%
XYZ	93.4668, 97.3462, 106.7920
YIQ	252.4240, 1.7420, 1.4700

Conversions

Conversions Part 2

Format	Color
R _Y B	255, 251, 253
Decimal	16776189
CIE Lab	98.96, 1.68, -0.50
CIE LCh	99, 1.748, 343.501
Yxy	97.3462, 0.3141, 0.3271
Android (android.graphics.Color)	4294966269 (0xFFFFFBFD)
YUV	252.4240, 0.2840, 2.2592
Hunter-Lab	98.6642, -3.5652, 4.8907

Details

The XYZ color 93.4668, 97.3462, 106.7920 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 93.2761, 99.1225, 107.1484, and the grayscale version is 92.8801, 97.7171, 106.4139.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 52.7676, 55.0215, 60.0636 is the 20% darker color. If you saturate the color by 10%, you get 84.0667, 81.6902, 93.9651, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

Distribution



Red (100%)

Green (98%)

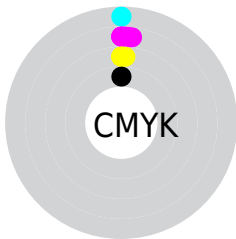
Blue (99%)



Red (100%)

Yellow (98%)

Blue (99%)



Cyan (0%)

Magenta (2%)

Yellow (1%)

Black (0%)



Cyan (0%)

Magenta (2%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 93.4668, 97.3462, 106.7920 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 93.4668, 97.3462, 106.7920 by changing the saturation by 10% instead.

93.4668, 97.3462,
106.7920

93.4668, 97.3462,
106.7920

527.3162,
551.6491, 603.1875

71.2052, 74.0893,
81.3364

150.9988,
157.5020, 172.5931

52.7928, 54.8671,
60.2861

186.9999,
195.1697, 213.7756

37.8642, 39.2953,
43.2225

228.3116,
238.4097, 261.0376

26.0541, 26.9895,
29.7270

275.2993,
287.6065, 314.7975

16.9970, 17.5654,
19.3812

328.3282,
343.1444, 375.4739

10.3276, 10.6384,
11.7664

387.7637,

5.6807, 5.8242,

405.4079, 443.4854

6.4642

453.9713,
474.7814, 519.2504

■ 2.6907, 2.7385,
3.0561

■ 0.9924, 0.9968,
1.1233

■ 93.4668, 97.3462,
106.7920

■ 93.4668, 97.3462,
106.7920

■ 84.0667, 81.6902,
93.9651

95.0500, 100.0000,
108.9000

■ 75.8280, 68.1443,
82.1818

■ 68.7048, 56.6203,
71.4146

■ 62.6455, 47.0197,
61.6325

■ 57.5943, 39.2351,
52.8026

■ 53.4898, 33.1491,
44.8896

■ 50.2637, 28.6298,
37.8553

■ 47.8377, 25.5259,
31.6576

■ 46.1181, 23.6553,
26.2486

Harmonies

Analogous

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



93.2004, 97.3462, 108.0409



93.4668, 97.3462, 106.7920



93.4802, 97.3462, 105.3401

Triad

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



93.4668, 97.3462, 106.7920



92.2962, 97.3462, 103.2896



91.8161, 97.3462, 107.9358

Complementary

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



93.4668, 97.3462, 106.7920



93.2761, 99.1225, 107.1484

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.



91.5757, 97.3462, 106.6496



93.4668, 97.3462, 106.7920



91.8522, 97.3462, 103.9720

Square

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



93.4668, 97.3462, 106.7920



92.8031, 97.3462, 103.3270



91.5888, 97.3462, 105.1989



92.2468, 97.3462, 108.7054

Rectangle

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



93.4668, 97.3462, 106.7920



93.3437, 97.3462, 104.4530



91.5888, 97.3462, 105.1989



91.7104, 97.3462, 107.5490

Sweetspot

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



93.4690, 97.3501, 106.7941

95.0500, 100.0000, 108.9000



93.0582, 97.1013, 108.4455



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.



93.4690, 97.3501, 106.7941



93.0364, 96.6258, 106.2156



93.1526, 97.2235, 105.1281



19.9347, 20.7172, 22.7628



23.6402, 11.9454, 12.0215



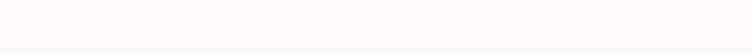
2.3569, 1.1851, 1.4607

Inverse Universe

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



93.4690, 97.3501, 106.7941



93.0364, 96.6258, 106.2156



93.5958, 99.2503, 108.8319



19.9347, 20.7172, 22.7628



23.6402, 11.9454, 12.0215



2.3569, 1.1851, 1.4607

Previews

White Background



This preview shows how the XYZ color 93.4668, 97.3462, 106.7920 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 93.4668, 97.3462, 106.7920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

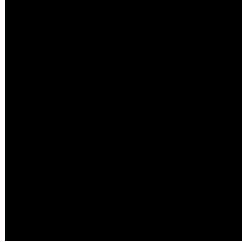
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 93.4668, 97.3462, 106.7920

Background



This preview shows how black text looks on a background with the XYZ color 93.4668, 97.3462, 106.7920.



This preview shows how white text looks on a background with the XYZ color 93.4668, 97.3462, 106.7920.

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

93.4668, 97.3462, 106.7920

Protanopia

93.4668, 97.3462, 106.7920

Deuteranopia

93.3079, 97.2826, 105.9550

Tritanopia

93.0552, 97.0970, 108.4448

Trichromacy

Original Color

93.4668, 97.3462, 106.7920

Protanomaly

93.4668, 97.3462, 106.7920

Deuteranomaly

93.3079, 97.2826, 105.9550

Tritanomaly

93.2596, 97.2209, 107.6161

Monochromacy

Original Color

93.4668, 97.3462, 106.7920

Achromatopsia

92.5260, 97.3445, 106.0082

Achromatomaly

92.8891, 97.5317, 106.0252

CSS Examples

Text

The CSS property to change the color of the text to XYZ 93.4668, 97.3462, 106.7920 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, 251, 253) looks like.

```
.text, #text, p{  
    color:rgb(255, 251, 253)  
}
```

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, 251, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 251, 253) }
```

Border

The CSS property to change the border of an element to XYZ 93.4668, 97.3462, 106.7920 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, 251, 253) }
```

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

```
.border{ border-color:rgb(255, 251, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 251, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 251, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 251, 253);  
box-shadow:4px 4px 4px 4px rgb(255, 251,  
253) }
```


Background

The CSS property to change the background color of an element to XYZ 93.4668, 97.3462, 106.7920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 251, 253) }
```

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

```
.background{ background-color: rgb(255,  
251, 253) }
```

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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