

# Converting Colors

XYZ(93.0008, 100.0000,  
105.7153)

Have a look what the booklet for  
XYZ(93.0008, 100.0000, 105.7153)  
contains.

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# **Color**

**XYZ(92.2395, 98.6248,  
105.4417)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F9FFFB
RGB	249, 255, 251
RGB Percent	98%, 100%, 98%
CMY	0.0235, 0.0000, 0.0157
CMYK	0.02, 0.00, 0.02, 0.00
HSL	140°, 100%, 99%
HSV	140°, 2%, 100%
XYZ	92.2395, 98.6248, 105.4417
YIQ	252.7500, -2.2920, -2.5160

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	249, 254, 255
Decimal	16383995
CIE Lab	99.47, -2.67, 1.21
CIE LCh	99, 2.931, 155.643
Yxy	98.6248, 0.3113, 0.3328
Android (android.graphics.Color)	4294574075 (0xFF99FFB)
YUV	252.7500, -0.8628, -3.2887
Hunter-Lab	99.3100, -8.0011, 6.5663

# Details

The XYZ color 92.2395, 98.6248, 105.4417 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 92.8458, 96.1042, 106.5849, and the grayscale version is 93.1622, 98.0139, 106.7371.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 52.0367, 55.6658, 59.6317 is the 20% darker color. If you saturate the color by 10%, you get 81.1982, 93.2286, 91.5607, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

# Distribution



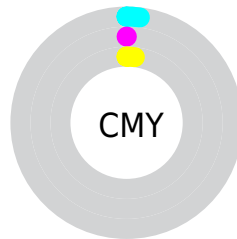
- Red (98%)
- Green (100%)
- Blue (98%)



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



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



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

# Brightness & Saturation Gradients

These gradients show how the XYZ color 92.2395, 98.6248, 105.4417 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 92.2395, 98.6248, 105.4417 by changing the saturation by 10% instead.



92.2395, 98.6248,  
105.4417

92.2395, 98.6248,  
105.4417

523.4192,  
555.7055, 598.8970

70.1819, 75.1555,  
80.2107

149.3079,  
159.2630, 170.7323

51.9550, 55.7403,  
59.3646

185.0495,  
197.2008, 211.6290

37.1933, 39.9948,  
42.4847

226.0831,  
240.7302, 258.5847

25.5316, 27.5345,  
29.1526

272.7741,  
290.2357, 312.0179

16.6044, 17.9750,  
18.9498

325.4878,  
346.1015, 372.3472

10.0464, 10.9321,  
11.4575

384.5897,

5.4922, 6.0212,

408.7121, 439.9911

6.2574

450.4450,  
478.4520, 515.3682

■ 2.5766, 2.8580,  
2.9309

■ 0.9340, 1.0580,  
1.0595

■ 92.2395, 98.6248,  
105.4417

■ 92.2395, 98.6248,  
105.4417

■ 81.1982, 93.2286,  
91.5607

95.0500, 100.0000,  
108.9000

■ 71.5745, 88.5361,  
78.9676

■ 63.3101, 84.5181,  
67.6268

■ 56.3415, 81.1426,  
57.4996

■ 50.6001, 78.3751,  
48.5452

■ 46.0104, 76.1774,  
40.7205

■ 42.4885, 74.5074,  
33.9797

■ 39.9382, 73.3163,  
28.2737

■ 38.2444, 72.5459,  
23.5492

# Harmonies

## Analogous

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



92.7783, 98.6248, 103.5777



92.2395, 98.6248, 105.4417



92.1017, 98.6248, 107.8527

# Triad

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



92.2395, 98.6248, 105.4417



93.9028, 98.6248, 112.1744



95.0920, 98.6248, 104.6458

# Complementary

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



92.2395, 98.6248, 105.4417



92.8458, 96.1042, 106.5849

# 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.



95.3974, 98.6248, 106.9200



92.2395, 98.6248, 105.4417



94.7082, 98.6248, 111.2858

# Square

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



92.2395, 98.6248, 105.4417



93.0587, 98.6248, 111.7640



95.2565, 98.6248, 109.3533



94.4245, 98.6248, 103.1231



# Rectangle

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



92.2395, 98.6248, 105.4417



92.2550, 98.6248, 109.4511



95.2565, 98.6248, 109.3533



95.2406, 98.6248, 105.3464

# Sweetspot

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



92.2404, 98.6252, 105.4432



93.8456, 99.4106, 107.4215



93.3673, 99.2424, 103.8586



20.0995, 21.2842, 23.0082



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.



92.2404, 98.6252, 105.4432



91.4811, 98.2538, 104.5043



92.7169, 98.8158, 107.9528



19.3814, 20.9328, 22.1211



19.6043, 37.7383, 11.0675



1.9571, 3.6938, 1.3319

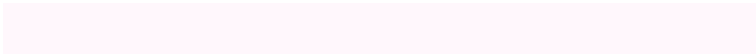


# Inverse Universe

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



92.8458, 96.1042, 106.5849



92.2499, 95.0526, 105.9540



92.3717, 95.9146, 104.0884



19.5888, 20.0692, 22.5122



25.4108, 12.6536, 21.3456



2.5249, 1.2523, 2.3457



# Previews

## White Background



This preview shows how the XYZ color 92.2395, 98.6248, 105.4417 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

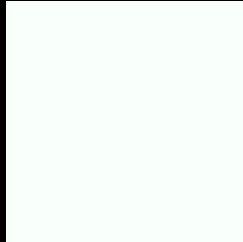
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 92.2395, 98.6248, 105.4417 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

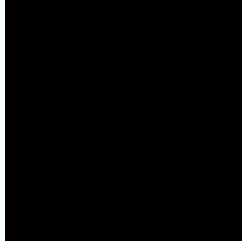
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 92.2395, 98.6248, 105.4417

## Background



This preview shows how black text looks on a background with the XYZ color 92.2395, 98.6248, 105.4417.



This preview shows how white text looks on a background with the XYZ color 92.2395, 98.6248, 105.4417.



# 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

92.2395, 98.6248, 105.4417

### Protanopia

93.9360, 98.5388, 106.1644

### Deuteranopia

94.0949, 98.6024, 107.0013

## **Tritanopia**

93.6833, 98.3532, 108.6542

# Trichromacy

## Original Color

92.2395, 98.6248, 105.4417

## Protanomaly

93.5205, 98.7945, 106.2357

## Deuteranomaly

93.5205, 98.7945, 106.2357

## Tritanomaly

93.4761, 98.7348, 107.8969

# Monochromacy

## Original Color

92.2395, 98.6248, 105.4417

## Achromatopsia

93.3629, 98.2251, 106.9671

## Achromatomaly

93.1574, 98.6073, 106.2187

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 92.2395, 98.6248, 105.4417 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(249, 255, 251)` looks like.

```
.text, #text, p{  
    color:rgb(249, 255, 251)  
}
```

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(249, 255, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 255, 251) }
```

## Border

The CSS property to change the border of an element to XYZ 92.2395, 98.6248, 105.4417 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(249, 255, 251) }
```



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

```
.border{ border-color:rgb(249, 255, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 255, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 255, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 255, 251);  
box-shadow:4px 4px 4px 4px rgb(249, 255,  
251) }
```

# Background

The CSS property to change the background color of an element to XYZ 92.2395, 98.6248, 105.4417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 255, 251) }
```

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

```
.background{ background-color: rgb(249,  
255, 251) }
```

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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