

# Converting Colors

XYZ(100.4054, 100.2718,  
104.8966)

Have a look what the booklet for  
XYZ(100.4054, 100.2718, 104.8966)  
contains.

<b>XYZ(92.3710, 95.9135, 104.0872)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# **Color**

**XYZ(92.3710, 95.9135,  
104.0872)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFF9FA
RGB	255, 249, 250
RGB Percent	100%, 98%, 98%
CMY	0.0000, 0.0235, 0.0196
CMYK	0.00, 0.02, 0.02, 0.00
HSL	350°, 100%, 99%
HSV	350°, 2%, 100%
XYZ	92.3710, 95.9135, 104.0872
YIQ	250.9080, 3.2550, 1.5830

# Conversions

## Conversions Part 2

Format	Color
<a href="#">RYB</a>	<a href="#">255, 249, 250</a>
Decimal	<a href="#">16775674</a>
CIELab	<a href="#">98.40, 2.17, 0.22</a>
CIELCh	<a href="#">98, 2.180, 5.747</a>
Yxy	<a href="#">95.9135, 0.3159, 0.3281</a>
Android (android.graphics.Color)	<a href="#">4294965754</a> ( <a href="#">0xFFFFF9FA</a> )
YUV	<a href="#">250.9080, -0.4476, 3.5887</a>
Hunter-Lab	<a href="#">97.9354, -3.0289, 5.5405</a>

# Details

The XYZ color 92.3710, 95.9135, 104.0872 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 92.7192, 98.8169, 107.9563, and the grayscale version is 91.6218, 96.3933, 104.9723.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 52.0963, 54.0407, 58.7241 is the 20% darker color. If you saturate the color by 10%, you get 81.8694, 79.9487, 85.0536, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

# Distribution



Red (100%)

Green (98%)

Blue (98%)



Red (100%)

Yellow (98%)

Blue (98%)



Cyan (0%)

Magenta (2%)

Yellow (2%)

Black (0%)



Cyan (0%)

Magenta (2%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 92.3710, 95.9135, 104.0872 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 92.3710, 95.9135, 104.0872 by changing the saturation by 10% instead.



92.3710, 95.9135,  
104.0872

92.3710, 95.9135,  
104.0872

523.8375,  
547.0853, 594.5769

70.2915, 72.8955,  
79.0825

149.4892,  
155.5260, 168.8634

52.0447, 53.8905,  
58.4419

185.2586,  
192.8894, 209.4719

37.2651, 38.5142,  
41.7470

226.3221,  
235.8033, 256.1187

25.5874, 26.3820,  
28.5791

273.0450,  
284.6522, 309.2224

16.6463, 17.1096,  
18.5198

325.7926,  
339.8204, 369.2016

10.0764, 10.3127,  
11.1505

384.9303,

5.5123, 5.6068,

401.6924, 436.4747

6.0527

450.8235,  
470.6526, 511.4602

■ 2.5887, 2.6075,  
2.8079

■ 0.9402, 0.9304,  
0.9974

■ 92.3710, 95.9135,  
104.0872

■ 92.3710, 95.9135,  
104.0872

■ 81.8694, 79.9487,  
85.0536

95.0500, 100.0000,  
108.9000

■ 72.7560, 66.1792,  
68.2749

■ 64.9743, 54.5122,  
53.6689

■ 58.4613, 44.8440,  
41.1460

■ 53.1488, 37.0620,  
30.6107

■ 48.9622, 31.0424,  
21.9596

■ 45.8185, 26.6465,  
15.0799

■ 43.6225, 23.7148,  
9.8464

■ 42.2613, 22.0550,  
6.1166

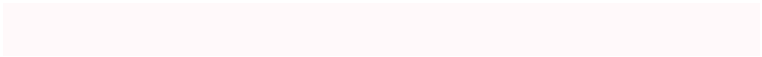
# Harmonies

## Analogous

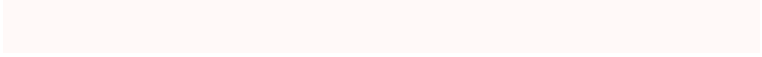
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.2695, 95.9135, 105.8621



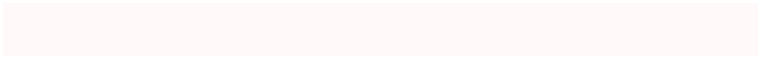
92.3710, 95.9135, 104.0872



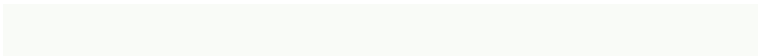
92.1476, 95.9135, 102.4239

# Triad

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



92.3710, 95.9135, 104.0872



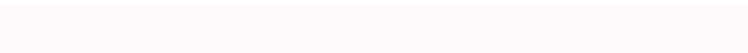
90.4585, 95.9135, 101.6487



90.6672, 95.9135, 107.6220

# Complementary

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



92.3710, 95.9135, 104.0872



92.7192, 98.8169, 107.9563

# 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.



90.1853, 95.9135, 106.4692



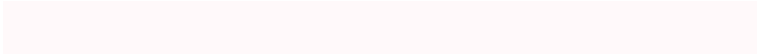
92.3710, 95.9135, 104.0872



90.0652, 95.9135, 103.0178

# Square

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



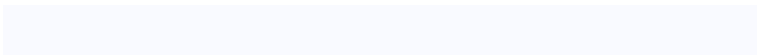
92.3710, 95.9135, 104.0872



91.0419, 95.9135, 101.0265



89.9654, 95.9135, 104.7806



91.2840, 95.9135, 107.9162

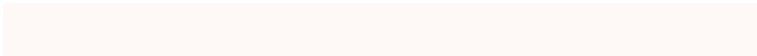


# Rectangle

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



92.3710, 95.9135, 104.0872



91.8450, 95.9135, 101.5979



89.9654, 95.9135, 104.7806



90.4842, 95.9135, 107.3214

# Sweetspot

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



92.3732, 95.9174, 104.0893



93.9014, 98.2476, 106.8375



92.8010, 96.0461, 108.2554



20.1109, 21.0475, 22.8894



0.0000, 0.0000, 0.0000

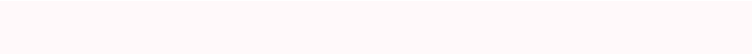


20.3446, 21.4041, 23.3091

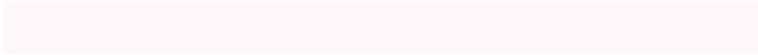


# Same Dimension

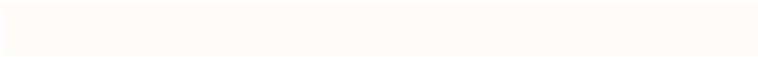
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.3732, 95.9174, 104.0893



91.6477, 94.8117, 102.7829



92.8383, 97.0968, 103.4760



19.4265, 20.0043, 21.6575



21.8064, 11.2118, 2.3650

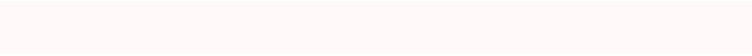


2.1562, 1.1048, 0.4039

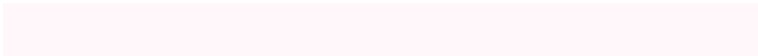


# Inverse Universe

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



92.3732, 95.9174, 104.0893



91.6477, 94.8117, 102.7829



92.2450, 97.6127, 108.5870



19.4265, 20.0043, 21.6575



21.8064, 11.2118, 2.3650



2.1562, 1.1048, 0.4039



# Previews

## White Background



This preview shows how the XYZ color 92.3710, 95.9135, 104.0872 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

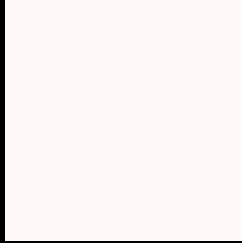
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 92.3710, 95.9135, 104.0872 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 92.3710, 95.9135, 104.0872

## Background



This preview shows how black text looks on a background with the XYZ color 92.3710, 95.9135, 104.0872.



This preview shows how white text looks on a background with the XYZ color 92.3710, 95.9135,



# 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

92.3710, 95.9135, 104.0872

### Protanopia

92.3710, 95.9135, 104.0872

### Deuteranopia

92.5283, 95.9764, 104.9153

## **Tritanopia**

92.0706, 95.6668, 108.2206

# Trichromacy

## Original Color

92.3710, 95.9135, 104.0872

## Protanomaly

92.3710, 95.9135, 104.0872

## Deuteranomaly

92.5283, 95.9764, 104.9153

## Tritanomaly

92.1133, 95.7259, 106.5506

# Monochromacy

## Original Color

92.3710, 95.9135, 104.0872

## Achromatopsia

91.6934, 96.4686, 105.0543

## Achromatomaly

91.7431, 96.0317, 104.9674

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 92.3710, 95.9135, 104.0872 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, 249, 250) looks like.

```
.text, #text, p{  
    color:rgb(255, 249, 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(255, 249, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 249, 250) }
```

## Border

The CSS property to change the border of an element to XYZ 92.3710, 95.9135, 104.0872 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, 249, 250) }
```



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

```
.border{ border-color:rgb(255, 249, 250) }
```

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

Here you see how a box with a 4 pixel rgb(255, 249, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 249, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 249, 250);  
box-shadow:4px 4px 4px 4px rgb(255, 249,  
250) }
```

# Background

The CSS property to change the background color of an element to XYZ 92.3710, 95.9135, 104.0872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 249, 250) }
```

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

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