

Converting Colors

XYZ(90.8976, 94.3084,
108.0203)

Have a look what the booklet for
XYZ(90.8976, 94.3084, 108.0203)
contains.

XYZ(90.7351, 94.0655, 107.9820)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(90.7351, 94.0655,
107.9820)**

Conversions

Conversions Part 1

Format	Color
Hex	FAF7FF
RGB	250, 247, 255
RGB Percent	98%, 97%, 100%
CMY	0.0196, 0.0313, 0.0000
CMYK	0.02, 0.03, 0.00, 0.00
HSL	262°, 100%, 98%
HSV	262°, 3%, 100%
XYZ	90.7351, 94.0655, 107.9820
YIQ	248.8090, -0.7800, 3.1240

Conversions

Conversions Part 2

Format	Color
R _Y B	250, 247, 255
Decimal	16447487
CIE Lab	97.66, 2.41, -3.48
CIE LCh	98, 4.239, 304.727
Yxy	94.0655, 0.3099, 0.3213
Android (android.graphics.Color)	4294637567 (0xFFFAF7FF)
YUV	248.8090, 3.0522, 1.0445
Hunter-Lab	96.9874, -2.7349, 1.8800

Details

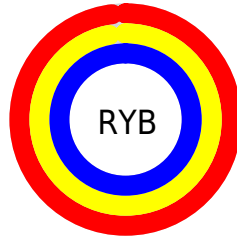
The XYZ color 90.7351, 94.0655, 107.9820 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 92.6958, 98.9320, 102.2106, and the grayscale version is 89.8641, 94.5440, 102.9584.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 51.0720, 52.8082, 60.9273 is the 20% darker color. If you saturate the color by 10%, you get 77.9910, 76.7027, 105.3023, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

Distribution



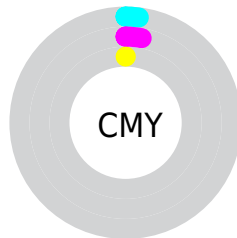
- Red (98%)
- Green (97%)
- Blue (100%)



- Red (98%)
- Yellow (97%)
- Blue (100%)



- Cyan (2%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)



- Cyan (2%)
- Magenta (3%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 90.7351, 94.0655, 107.9820 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 90.7351, 94.0655, 107.9820 by changing the saturation by 10% instead.

90.7351, 94.0655,
107.9820

90.7351, 94.0655,
107.9820

518.6215,
541.1689, 606.9556

68.9288, 71.3574,
82.3292

147.2322,
152.9729, 174.2310

50.9301, 52.6339,
61.0996

182.6537,
189.9411, 215.6643

36.3738, 37.5106,
43.8744

223.3444,
232.4314, 263.1949

24.8945, 25.6031,
30.2353

269.6694,
280.8282, 317.2413

16.1268, 16.5269,
19.7637

321.9944,
335.5160, 378.2220

9.7053, 9.8978,
12.0410

380.6844,

5.2648, 5.3312,

396.8791, 446.5556

6.6488

446.1050,
465.3020, 522.6606

■ 2.4398, 2.4429,
3.1683

■ 0.8650, 0.8478,
1.1812

■ 90.7351, 94.0655,
107.9820

■ 90.7351, 94.0655,
107.9820

■ 77.9910, 76.7027,
105.3023

95.0500, 100.0000,
108.9000

■ 66.7390, 61.6256,
102.9851

■ 56.9232, 48.7399,
101.0153

■ 48.4813, 37.9402,
99.3757

■ 41.3462, 29.1121,
98.0478

■ 35.4445, 22.1299,
97.0111

■ 30.6949, 16.8529,
96.2429

■ 27.0045, 13.1189,
95.7167

■ 24.2630, 10.7323,
95.4005

Harmonies

Analogous

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



89.5978, 94.0655, 109.1895



90.7351, 94.0655, 107.9820



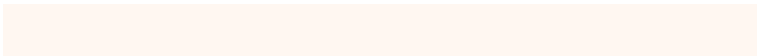
91.5217, 94.0655, 105.2854

Triad

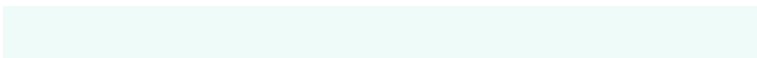
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



90.7351, 94.0655, 107.9820



90.4010, 94.0655, 96.5275



87.1133, 94.0655, 102.9700

Complementary

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



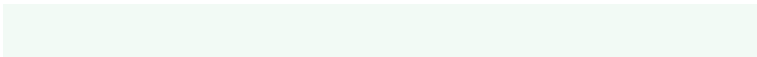
90.7351, 94.0655, 107.9820



92.6958, 98.9320, 102.2106

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.



87.3241, 94.0655, 99.6097



90.7351, 94.0655, 107.9820



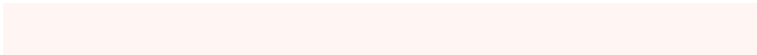
89.2153, 94.0655, 95.9388

Square

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



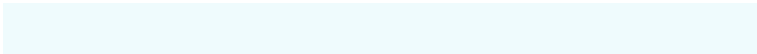
90.7351, 94.0655, 107.9820



91.3275, 94.0655, 98.6813



88.0908, 94.0655, 97.0549



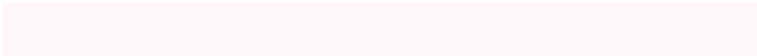
87.5125, 94.0655, 106.2547

Rectangle

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



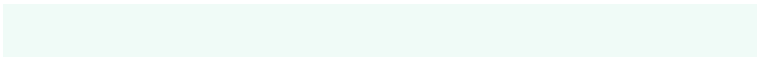
90.7351, 94.0655, 107.9820



91.7375, 94.0655, 103.0334



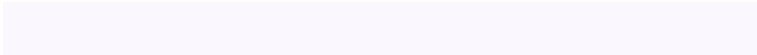
88.0908, 94.0655, 97.0549



87.1152, 94.0655, 101.8117

Sweetspot

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



90.7375, 94.0694, 107.9826



93.6578, 98.0826, 108.6033



91.2418, 96.6593, 108.4559



20.0613, 21.0139, 23.2487



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.



90.7375, 94.0694, 107.9826



89.5744, 92.4743, 107.7360



92.1615, 94.8035, 108.0492



18.9581, 19.4995, 23.0145



12.0797, 5.1378, 49.7896



1.2924, 0.5602, 4.8533

Inverse Universe

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



92.0739, 94.8136, 105.5469



91.2725, 93.4201, 104.6348



91.2862, 98.2053, 102.1446



19.3884, 19.7392, 22.2274



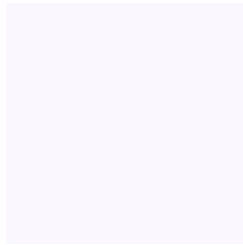
24.9133, 12.4546, 18.7258



2.4787, 1.2339, 2.1024

Previews

White Background



This preview shows how the XYZ color 90.7351, 94.0655, 107.9820 looks on a white background.

Color Contrast Check

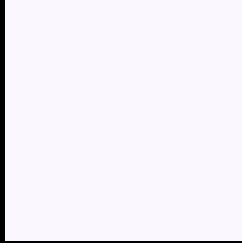
Large Text (above 18pt) WCAG AA × Fail

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 90.7351, 94.0655, 107.9820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

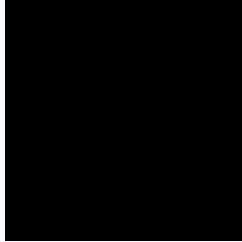
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 90.7351, 94.0655, 107.9820

Background



This preview shows how black text looks on a background with the XYZ color 90.7351, 94.0655, 107.9820.



This preview shows how white text looks on a background with the XYZ color 90.7351, 94.0655,

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**

90.7351, 94.0655, 107.9820

Protanopia

91.0944, 94.2508, 107.9988

Deuteranopia

91.6084, 94.1366, 104.6087

Tritanopia

90.7351, 94.0655, 107.9820

Trichromacy



Original Color

90.7351, 94.0655, 107.9820

Protanomaly

91.0944, 94.2508, 107.9988

Deuteranomaly

91.0345, 93.8225, 105.4070

Tritanomaly

90.7351, 94.0655, 107.9820

Monochromacy



Original Color

90.7351, 94.0655, 107.9820

Achromatopsia

90.0415, 94.7307, 103.1617

Achromatomaly

90.0469, 94.2396, 104.7109

CSS Examples

Text

The CSS property to change the color of the text to XYZ 90.7351, 94.0655, 107.9820 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(250, 247, 255) looks like.

```
.text, #text, p{  
    color:rgb(250, 247, 255)  
}
```

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(250, 247, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 247, 255) }
```

Border

The CSS property to change the border of an element to XYZ 90.7351, 94.0655, 107.9820 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(250, 247, 255) }
```


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

```
.border{ border-color:rgb(250, 247, 255) }
```

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

Here you see how a box with a 4 pixel rgb(250, 247, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 247, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 247, 255);  
box-shadow:4px 4px 4px 4px rgb(250, 247,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 90.7351, 94.0655, 107.9820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 247, 255) }
```

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

```
.background{ background-color: rgb(250,  
247, 255) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor