

Converting Colors

XYZ(93.4031, 94.6581,
122.2376)

Have a look what the booklet for
XYZ(93.4031, 94.6581, 122.2376)
contains.

XYZ(90.7894, 93.6408, 107.8971)	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(90.7894, 93.6408,
107.8971)**

Conversions

Conversions Part 1

Format	Color
Hex	FBF6FF
RGB	251, 246, 255
RGB Percent	98%, 96%, 100%
CMY	0.0157, 0.0353, 0.0000
CMYK	0.02, 0.04, 0.00, 0.00
HSL	273°, 100%, 98%
HSV	273°, 4%, 100%
XYZ	90.7894, 93.6408, 107.8971
YIQ	248.5210, 0.0910, 3.8590

Conversions

Conversions Part 2

Format	Color
R _Y B	251, 246, 255
Decimal	16512767
CIE Lab	97.49, 3.25, -3.73
CIE LCh	97, 4.946, 311.101
Yxy	93.6408, 0.3106, 0.3203
Android (android.graphics.Color)	4294702847 (0xFFFBF6FF)
YUV	248.5210, 3.1941, 2.1741
Hunter-Lab	96.7682, -1.8728, 1.6290

Details

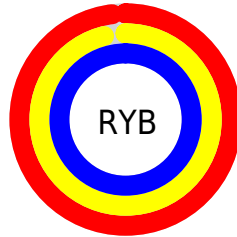
The XYZ color 90.7894, 93.6408, 107.8971 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 91.8214, 98.4990, 101.3663, and the grayscale version is 89.6263, 94.2939, 102.6860.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 51.1122, 52.5062, 60.8669 is the 20% darker color. If you saturate the color by 10%, you get 79.5978, 77.1391, 105.3018, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

Distribution



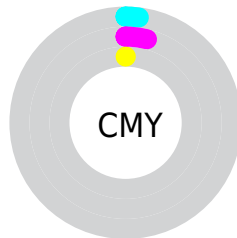
- Red (98%)
- Green (96%)
- Blue (100%)



- Red (98%)
- Yellow (96%)
- Blue (100%)



- Cyan (2%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)





- Cyan (2%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 90.7894, 93.6408, 107.8971 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 90.7894, 93.6408, 107.8971 by changing the saturation by 10% instead.


 90.7894, 93.6408,
107.8971

 90.7894, 93.6408,
107.8971


518.7951,
539.8044, 606.6872

 68.9740, 71.0042,
82.2584


147.3072,
152.3855, 174.1142

 50.9671, 52.3456,
61.0415


182.7403,
189.2624, 215.5297

 36.4034, 37.2807,
43.8279


223.4433,
231.6548, 263.0411

 24.9174, 25.4249,
30.1990

269.7817,
279.9473, 317.0671

 16.1439, 16.3939,
19.7364

322.1207,
334.5240, 378.0262

 9.7176, 9.8033,
12.0214

380.8257,

 5.2729, 5.2687,

395.7696, 446.3368

6.6355

446.2620,
464.0682, 522.4176

■ 2.4447, 2.4058,
3.1603

■ 0.8674, 0.8289,
1.1770

■ 90.7894, 93.6408,
107.8971

■ 90.7894, 93.6408,
107.8971

■ 79.5978, 77.1391,
105.3018

95.0500, 100.0000,
108.9000

■ 69.6657, 62.8007,
103.0577

■ 60.9453, 50.5351,
101.1498

■ 53.3823, 40.2409,
99.5615

■ 46.9184, 31.8080,
98.2744

■ 41.4893, 25.1149,
97.2687

■ 37.0231, 20.0254,
96.5217

■ 33.4374, 16.3819,
96.0074

■ 30.6325, 13.9928,
95.6941

Harmonies

Analogous

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



89.5236, 93.6408, 109.7360



90.7894, 93.6408, 107.8971



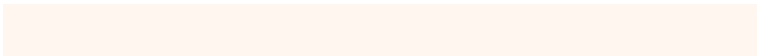
91.5815, 93.6408, 104.4839

Triad

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



90.7894, 93.6408, 107.8971



89.8801, 93.6408, 94.8173



86.3797, 93.6408, 103.4549

Complementary

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



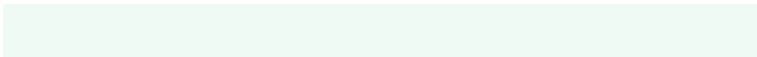
90.7894, 93.6408, 107.8971



91.8214, 98.4990, 101.3663

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.



86.4729, 93.6408, 99.4749



90.7894, 93.6408, 107.8971



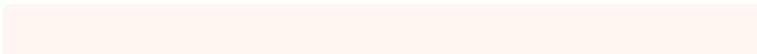
88.4840, 93.6408, 94.5582

Square

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



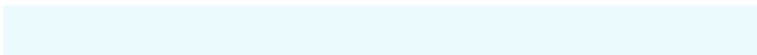
90.7894, 93.6408, 107.8971



91.0528, 93.6408, 96.9600



87.2397, 93.6408, 96.2427



86.9838, 93.6408, 107.1268

Rectangle

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



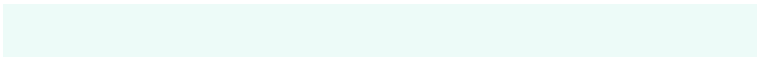
90.7894, 93.6408, 107.8971



91.7294, 93.6408, 101.8104



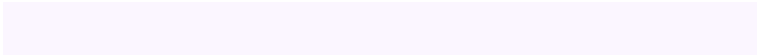
87.2397, 93.6408, 96.2427



86.3307, 93.6408, 102.1075

Sweetspot

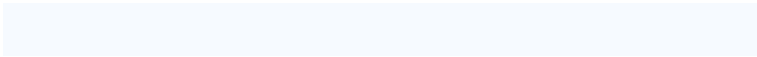
The Sweet Spot groups the original color and five complimentary colors.



90.7918, 93.6447, 107.8977



93.8260, 98.1694, 108.6112



90.2603, 95.2183, 108.2295



20.0955, 21.0316, 23.2503



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.



90.7918, 93.6447, 107.8977



90.2333, 92.8139, 107.7668



92.1753, 94.3663, 107.5850



19.1248, 19.5854, 23.0223



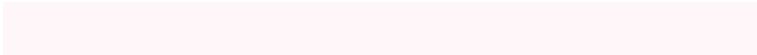
15.4023, 6.8507, 49.9451



1.6254, 0.7318, 4.8689

Inverse Universe

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



91.4536, 94.0776, 103.7848



90.9831, 93.3043, 103.1106



90.4727, 97.7958, 101.6640



19.3151, 19.7099, 21.8416



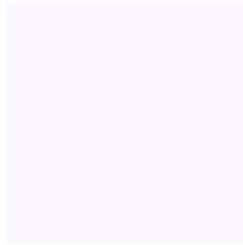
23.1894, 11.7651, 9.6479



2.3118, 1.1671, 1.2236

Previews

White Background



This preview shows how the XYZ color 90.7894, 93.6408, 107.8971 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 90.7894, 93.6408, 107.8971 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 90.7894, 93.6408, 107.8971

Background



This preview shows how black text looks on a background with the XYZ color 90.7894, 93.6408, 107.8971.



This preview shows how white text looks on a background with the XYZ color 90.7894, 93.6408,

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**

90.7894, 93.6408, 107.8971

Protanopia

90.4301, 93.4555, 107.8803

Deuteranopia

91.3050, 93.5299, 104.5076

Tritanopia

90.4301, 93.4555, 107.8803

Trichromacy



Original Color

90.7894, 93.6408, 107.8971

Protanomaly

90.4301, 93.4555, 107.8803

Deuteranomaly

91.0961, 93.4039, 105.3229

Tritanomaly

90.4301, 93.4555, 107.8803

Monochromacy



Original Color

90.7894, 93.6408, 107.8971

Achromatopsia

90.0415, 94.7307, 103.1617

Achromatomaly

90.4043, 94.4238, 104.7276

CSS Examples

Text

The CSS property to change the color of the text to XYZ 90.7894, 93.6408, 107.8971 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(251, 246, 255) looks like.

```
.text, #text, p{  
    color:rgb(251, 246, 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(251, 246, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 246, 255) }
```

Border

The CSS property to change the border of an element to XYZ 90.7894, 93.6408, 107.8971 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(251, 246, 255) }
```


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

```
.border{ border-color:rgb(251, 246, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 246, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 246, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 246, 255);  
box-shadow:4px 4px 4px 4px rgb(251, 246,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 90.7894, 93.6408, 107.8971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 246, 255) }
```

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

```
.background{ background-color: rgb(251,  
246, 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](#).

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