

Converting Colors

XYZ(91.1998, 93.3122,
107.8121)

Have a look what the booklet for
XYZ(91.1998, 93.3122, 107.8121)
contains.

XYZ(91.2104, 93.4075, 107.8299)	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(91.2104, 93.4075,
107.8299)**

Conversions

Conversions Part 1

Format	Color
Hex	FDF5FF
RGB	253, 245, 255
RGB Percent	99%, 96%, 100%
CMY	0.0078, 0.0392, 0.0000
CMYK	0.01, 0.04, 0.00, 0.00
HSL	288°, 100%, 98%
HSV	288°, 4%, 100%
XYZ	91.2104, 93.4075, 107.8299
YIQ	248.5320, 1.5580, 4.8060

Conversions

Conversions Part 2

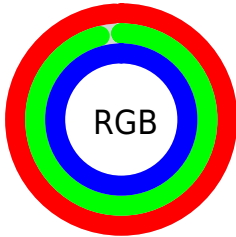
Format	Color
R _Y B	253, 245, 255
Decimal	16643583
CIE Lab	97.39, 4.42, -3.85
CIE LCh	97, 5.859, 318.942
Yxy	93.4075, 0.3119, 0.3194
Android (android.graphics.Color)	4294833663 (0xFFFD5FF)
YUV	248.5320, 3.1887, 3.9184
Hunter-Lab	96.6476, -0.6752, 1.5033

Details

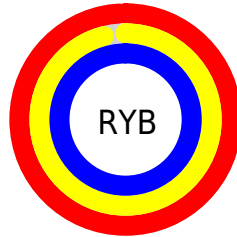
The XYZ color 91.2104, 93.4075, 107.8299 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 90.6017, 97.8879, 100.5101, and the grayscale version is 89.6345, 94.3025, 102.6954.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 51.1556, 52.2082, 60.8071 is the 20% darker color. If you saturate the color by 10%, you get 82.1906, 78.0861, 105.3480, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

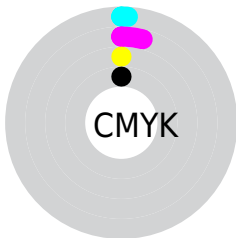
Distribution



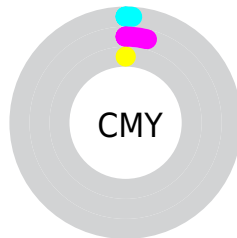
- Red (99%)
- Green (96%)
- Blue (100%)



- Red (99%)
- Yellow (96%)
- Blue (100%)



- Cyan (1%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)





- Cyan (1%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 91.2104, 93.4075, 107.8299 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 91.2104, 93.4075, 107.8299 by changing the saturation by 10% instead.

 91.2104, 93.4075,
107.8299

 91.2104, 93.4075,
107.8299


520.1398,
539.0541, 606.4746

 69.3246, 70.8103,
82.2023


147.8884,
152.0627, 174.0218

 51.2537, 52.1874,
60.9955


183.4112,
188.8894, 215.4231

 36.6324, 37.1544,
43.7910


224.2105,
231.2280, 262.9194

 25.0954, 25.3271,
30.1703

270.6514,
279.4630, 316.9292

 16.2772, 16.3209,
19.7147

323.0995,
333.9787, 377.8711

 9.8126, 9.7515,
12.0058

381.9200,

 5.3362, 5.2345,

395.1595, 446.1636

6.6251

447.4783,
463.3898, 522.2253

■ 2.4826, 2.3855,
3.1539

■ 0.8865, 0.8184,
1.1737

■ 91.2104, 93.4075,
107.8299

■ 91.2104, 93.4075,
107.8299

■ 82.1906, 78.0861,
105.3480

95.0500, 100.0000,
108.9000

■ 74.2374, 64.8260,
103.2077

■ 67.3069, 53.5385,
101.3942

■ 61.3488, 44.1240,
99.8911

■ 56.3088, 36.4741,
98.6801

■ 52.1266, 30.4693,
97.7415

■ 48.7347, 25.9747,
97.0528

■ 46.0547, 22.8344,
96.5879

■ 43.9908, 20.8573,
96.3150

Harmonies

Analogous

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



89.8215, 93.4075, 110.6012



91.2104, 93.4075, 107.8299



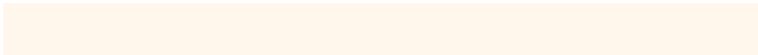
91.9516, 93.4075, 103.4688

Triad

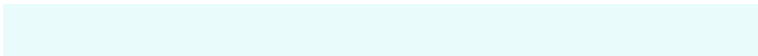
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91.2104, 93.4075, 107.8299



89.3948, 93.4075, 92.9920



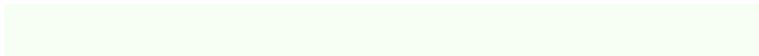
85.7952, 93.4075, 104.7021

Complementary

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



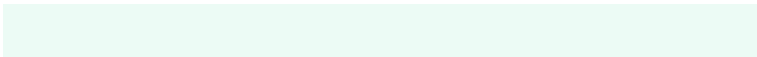
91.2104, 93.4075, 107.8299



90.6017, 97.8879, 100.5101

Split Complementary

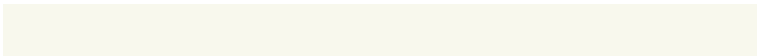
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.6842, 93.4075, 99.9611



91.2104, 93.4075, 107.8299



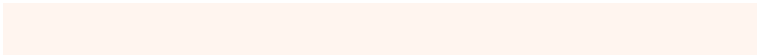
87.7486, 93.4075, 93.2989

Square

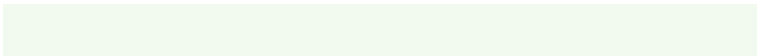
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



91.2104, 93.4075, 107.8299



90.8947, 93.4075, 94.9645



86.3952, 93.4075, 95.8163



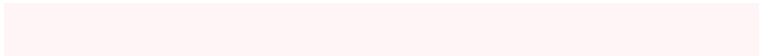
86.7004, 93.4075, 108.7569

Rectangle

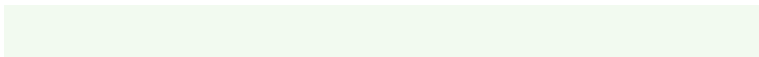
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



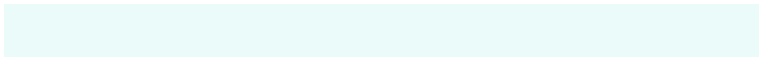
91.2104, 93.4075, 107.8299



91.9726, 93.4075, 100.2902



86.3952, 93.4075, 95.8163



85.6642, 93.4075, 103.1328

Sweetspot

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



91.2128, 93.4114, 107.8305



94.0545, 98.2872, 108.6219



88.9705, 93.1580, 107.8998



20.1420, 21.0556, 23.2525



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.



91.2128, 93.4114, 107.8305



90.1848, 91.6528, 107.5453



91.4652, 93.5969, 105.3422



19.1617, 19.3756, 22.9799



22.5696, 10.5456, 50.2805



2.2837, 1.0712, 4.8997

Inverse Universe

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



90.6834, 93.2841, 101.2254



89.5174, 91.4935, 99.1678



90.3622, 97.7111, 102.9079



19.0000, 19.3372, 20.9425



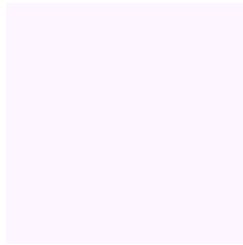
21.9026, 11.2503, 2.8715



2.1692, 1.1100, 0.4722

Previews

White Background



This preview shows how the XYZ color 91.2104, 93.4075, 107.8299 looks on a white background.

Color Contrast Check

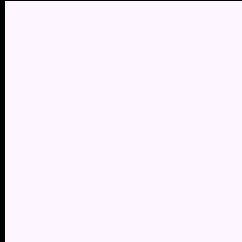
Large Text (above 18pt) WCAG AA × Fail

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 91.2104, 93.4075, 107.8299 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 91.2104, 93.4075, 107.8299

Background



This preview shows how black text looks on a background with the XYZ color 91.2104, 93.4075, 107.8299.



This preview shows how white text looks on a background with the XYZ color 91.2104, 93.4075,

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

91.2104, 93.4075, 107.8299

Protanopia

90.0727, 93.2713, 107.8636

Deuteranopia

91.3050, 93.5299, 104.5076

Tritanopia

90.7894, 93.6408, 107.8971

Trichromacy



Original Color

91.2104, 93.4075, 107.8299

Protanomaly

90.4301, 93.4555, 107.8803

Deuteranomaly

91.0961, 93.4039, 105.3229

Tritanomaly

91.1507, 93.8270, 107.9140

Monochromacy



Original Color

91.2104, 93.4075, 107.8299

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 91.2104, 93.4075, 107.8299 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(253, 245, 255) looks like.

```
.text, #text, p{  
    color:rgb(253, 245, 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(253, 245, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 245, 255) }
```

Border

The CSS property to change the border of an element to XYZ 91.2104, 93.4075, 107.8299 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(253, 245, 255) }
```


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

```
.border{ border-color:rgb(253, 245, 255) }
```

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

Here you see how a box with a 4 pixel rgb(253, 245, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 245, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 245, 255);  
box-shadow:4px 4px 4px 4px rgb(253, 245,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 91.2104, 93.4075, 107.8299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 245, 255) }
```

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

```
.background{ background-color: rgb(253,  
245, 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