

Converting Colors

XYZ(106.7177, 100.0000,
194.5235)

Have a look what the booklet for
XYZ(106.7177, 100.0000, 194.5235)
contains.

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Color

**XYZ(90.0727, 93.2713,
107.8636)**

Conversions

Conversions Part 1

Format	Color
Hex	F9F6FF
RGB	249, 246, 255
RGB Percent	98%, 96%, 100%
CMY	0.0235, 0.0353, 0.0000
CMYK	0.02, 0.04, 0.00, 0.00
HSL	260°, 100%, 98%
HSV	260°, 4%, 100%
XYZ	90.0727, 93.2713, 107.8636
YIQ	247.9230, -1.1010, 3.4350

Conversions

Conversions Part 2

Format	Color
R _Y B	249, 246, 255
Decimal	16381695
CIE Lab	97.34, 2.60, -3.96
CIE LCh	97, 4.739, 303.225
Yxy	93.2713, 0.3093, 0.3203
Android (android.graphics.Color)	4294571775 (0xFFF9F6FF)
YUV	247.9230, 3.4890, 0.9445
Hunter-Lab	96.5771, -2.5317, 1.3850

Details

The XYZ color 90.0727, 93.2713, 107.8636 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 92.5418, 98.8704, 101.3999, and the grayscale version is 89.1355, 93.7775, 102.1237.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 50.5988, 52.2416, 60.8429 is the 20% darker color. If you saturate the color by 10%, you get 77.0534, 75.8274, 105.1827, 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 90.0727, 93.2713, 107.8636 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 90.0727, 93.2713, 107.8636 by changing the saturation by 10% instead.

 90.0727, 93.2713,
107.8636

 90.0727, 93.2713,
107.8636


516.5017,
538.6158, 606.5812

 68.3774, 70.6970,
82.2304


146.3172,
151.8742, 174.0681

 50.4796, 52.0950,
61.0186


181.5971,
188.6715, 215.4765

 36.0140, 37.0808,
43.8095


222.1360,
230.9787, 262.9804

 24.6152, 25.2700,
30.1847

268.2992,
279.1801, 316.9984

 15.9178, 16.2784,
19.7256

320.4519,
333.6602, 377.9489

 9.5565, 9.7213,
12.0136

378.9597,

 5.1659, 5.2146,

394.8032, 446.2505

6.6303

444.1878,
462.9936, 522.3218

■ 2.3807, 2.3737,
3.1571

■ 0.8355, 0.8123,
1.1754

■ 90.0727, 93.2713,
107.8636

■ 90.0727, 93.2713,
107.8636

■ 77.0534, 75.8274,
105.1827

95.0500, 100.0000,
108.9000

■ 65.5876, 60.6983,
102.8668

■ 55.6165, 47.7880,
100.9004

■ 47.0748, 36.9893,
99.2663

■ 39.8920, 28.1857,
97.9456

■ 33.9911, 21.2495,
96.9178

■ 29.2869, 16.0372,
96.1597

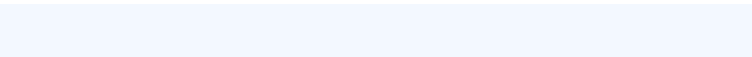
■ 25.6821, 12.3839,
95.6445

■ 23.0610, 10.0896,
95.3398

Harmonies

Analogous

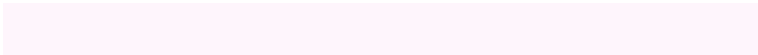
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.7968, 93.2713, 109.1136



90.0727, 93.2713, 107.8636



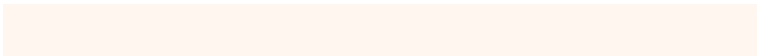
90.9749, 93.2713, 104.9216

Triad

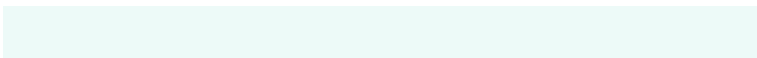
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



90.0727, 93.2713, 107.8636



89.8189, 93.2713, 95.1019



86.1006, 93.2713, 101.9728

Complementary

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



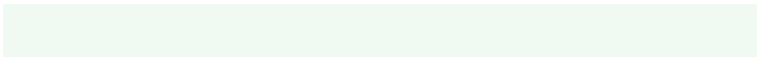
90.0727, 93.2713, 107.8636



92.5418, 98.8704, 101.3999

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.



86.3682, 93.2713, 98.2643



90.0727, 93.2713, 107.8636



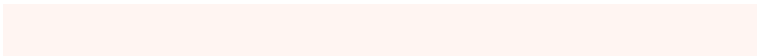
88.5065, 93.2713, 94.3568

Square

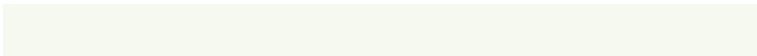
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



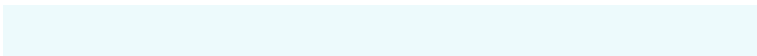
90.0727, 93.2713, 107.8636



90.8273, 93.2713, 97.5617



87.2455, 93.2713, 95.5004



86.5109, 93.2713, 105.6591

Rectangle

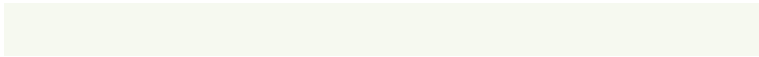
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



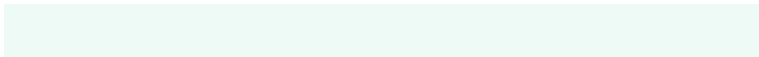
90.0727, 93.2713, 107.8636



91.2382, 93.2713, 102.4307



87.2455, 93.2713, 95.5004



86.1143, 93.2713, 100.6874

Sweetspot

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



90.0751, 93.2752, 107.8642



93.6190, 98.0627, 108.6015



90.9162, 96.5301, 108.4481



20.0534, 21.0099, 23.2483



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

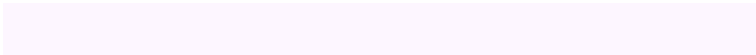
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90.0751, 93.2752, 107.8642



89.4234, 92.3964, 107.7289



91.6435, 94.0837, 107.9376



18.9200, 19.4798, 23.0127



11.5266, 4.8527, 49.7637



1.2326, 0.5293, 4.8505

Inverse Universe

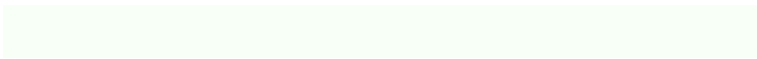
The Inverse Universe completely reimagines the original color for something new.



91.7689, 94.2037, 105.4453



91.3397, 93.4470, 104.9885



90.9846, 98.0676, 101.3271



19.4054, 19.7460, 22.3170



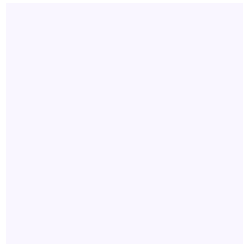
25.4153, 12.6554, 21.3692



2.5253, 1.2525, 2.3478

Previews

White Background



This preview shows how the XYZ color 90.0727, 93.2713, 107.8636 looks on a white background.

Color Contrast Check

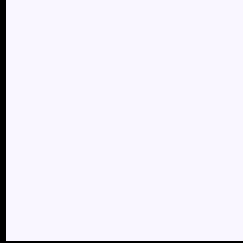
Large Text (above 18pt) WCAG AA × Fail

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 90.0727, 93.2713, 107.8636 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

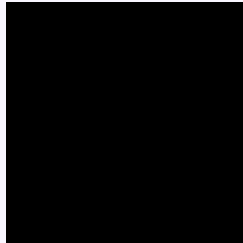
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

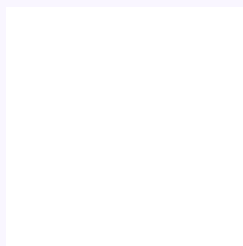
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 90.0727, 93.2713, 107.8636

Background



This preview shows how black text looks on a background with the XYZ color 90.0727, 93.2713, 107.8636.



This preview shows how white text looks on a background with the XYZ color 90.0727, 93.2713,

107.8536.

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

90.0727, 93.2713, 107.8636

Protanopia

90.0727, 93.2713, 107.8636

Deuteranopia

91.3050, 93.5299, 104.5076

Tritanopia

90.0727, 93.2713, 107.8636

Trichromacy



Original Color

90.0727, 93.2713, 107.8636

Protanomaly

90.0727, 93.2713, 107.8636

Deuteranomaly

90.7311, 93.2157, 105.3059

Tritanomaly

90.0727, 93.2713, 107.8636

Monochromacy



Original Color

90.0727, 93.2713, 107.8636

Achromatopsia

89.2221, 93.8686, 102.2229

Achromatomaly

89.3848, 93.4430, 104.5920

CSS Examples

Text

The CSS property to change the color of the text to XYZ 90.0727, 93.2713, 107.8636 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, 246, 255) looks like.

```
.text, #text, p{  
    color:rgb(249, 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(249, 246, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 246, 255) }
```

Border

The CSS property to change the border of an element to XYZ 90.0727, 93.2713, 107.8636 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, 246, 255) }
```


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

```
.border{ border-color:rgb(249, 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(249, 246, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 246, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 246, 255);  
box-shadow:4px 4px 4px 4px rgb(249, 246,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 90.0727, 93.2713, 107.8636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 246, 255) }
```

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

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