

Converting Colors

XYZ(89.5954, 92.8697,
105.8215)

Have a look what the booklet for
XYZ(89.5954, 92.8697, 105.8215)
contains.

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Color

**XYZ(89.7523, 93.1431,
106.1765)**

Conversions

Conversions Part 1

Format	Color
Hex	F9F6FD
RGB	249, 246, 253
RGB Percent	98%, 96%, 99%
CMY	0.0235, 0.0353, 0.0078
CMYK	0.02, 0.03, 0.00, 0.01
HSL	266°, 64%, 98%
HSV	266°, 3%, 99%
XYZ	89.7523, 93.1431, 106.1765
YIQ	247.6950, -0.4590, 2.8130

Conversions

Conversions Part 2

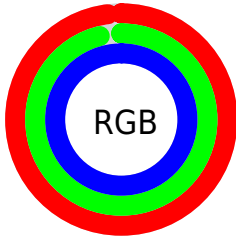
Format	Color
R _Y B	249, 246, 253
Decimal	16381693
CIE Lab	97.29, 2.24, -3.01
CIE LCh	97, 3.750, 306.636
Yxy	93.1431, 0.3105, 0.3222
Android (android.graphics.Color)	4294571773 (0xFFFF9F6FD)
YUV	247.6950, 2.6154, 1.1445
Hunter-Lab	96.5107, -2.8935, 2.3294

Details

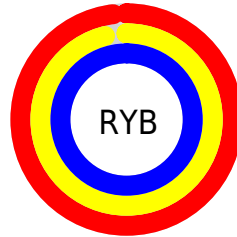
The XYZ color 89.7523, 93.1431, 106.1765 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 91.1877, 97.2309, 101.1548, and the grayscale version is 88.9560, 93.5886, 101.9180.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 50.3696, 52.1499, 59.6357 is the 20% darker color. If you saturate the color by 10%, you get 77.6166, 76.2328, 103.5535, and if you desaturate by 10%, it is 94.7299, 99.8720, 107.2144.

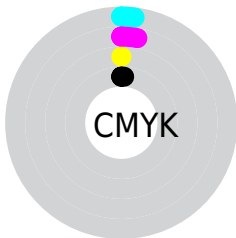
Distribution



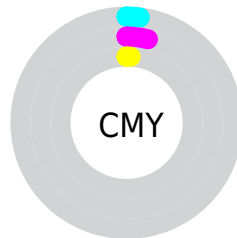
- Red (98%)
- Green (96%)
- Blue (99%)



- Red (98%)
- Yellow (96%)
- Blue (99%)



- Cyan (2%)
- Magenta (3%)
- Yellow (0%)
- Black (1%)





- Cyan (2%)
- Magenta (4%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 89.7523, 93.1431, 106.1765 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 89.7523, 93.1431, 106.1765 by changing the saturation by 10% instead.


 89.7523, 93.1431,
106.1765

 89.7523, 93.1431,
106.1765


515.4747,
538.2031, 601.2338

 68.1108, 70.5904,
80.8232


145.8744,
151.6967, 171.7452

 50.2619, 52.0080,
59.8658


181.0857,
188.4665, 212.7976

 35.8402, 37.0115,
42.8859


221.5510,
230.7440, 259.9202

 24.4803, 25.2164,
29.4649

267.6356,
278.9138, 313.5314

 15.8170, 16.2383,
19.1842

319.7049,
333.3602, 374.0498

 9.4848, 9.6930,
11.6253

378.1243,

 5.1183, 5.1959,

394.4677, 441.8940

6.3696

443.2591,
462.6205, 517.4825

■ 2.3523, 2.3626,
2.9987

■ 0.8212, 0.8066,
1.0940

■ 89.7523, 93.1431,
106.1765

■ 89.7523, 93.1431,
106.1765

■ 77.6166, 76.2328,
103.5535

94.7299, 99.8720,
107.2144

■ 66.8724, 61.5307,
101.2820

■ 57.4683, 48.9462,
99.3486

■ 49.3463, 38.3776,
97.7367

■ 42.4440, 29.7149,
96.4284

■ 36.6932, 22.8369,
95.4040

■ 32.0181, 17.6083,
94.6411

■ 28.3323, 13.8730,
94.1144

■ 25.5328, 11.4430,
93.7929

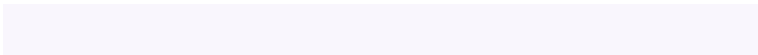
Harmonies

Analogous

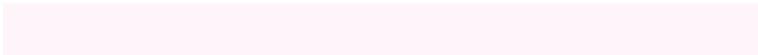
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.7656, 93.1431, 107.3300



89.7523, 93.1431, 106.1765



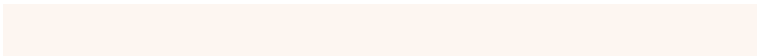
90.4152, 93.1431, 103.7510

Triad

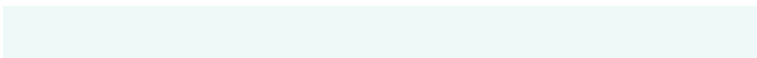
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.7523, 93.1431, 106.1765



89.3410, 93.1431, 96.1491



86.5194, 93.1431, 102.0935

Complementary

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



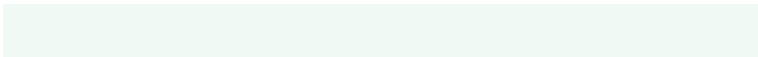
89.7523, 93.1431, 106.1765



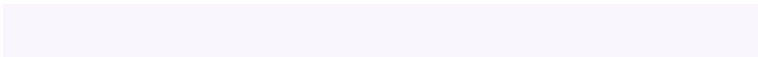
91.1877, 97.2309, 101.1548

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.



86.6707, 93.1431, 99.1183



89.7523, 93.1431, 106.1765



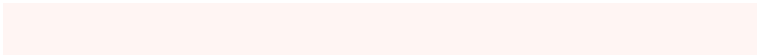
88.2943, 93.1431, 95.7252

Square

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



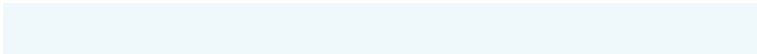
89.7523, 93.1431, 106.1765



90.1764, 93.1431, 97.9714



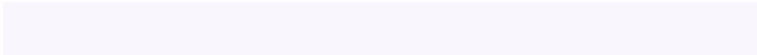
87.3183, 93.1431, 96.8019



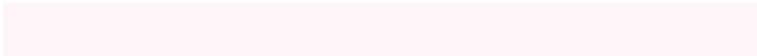
86.9032, 93.1431, 104.9425

Rectangle

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



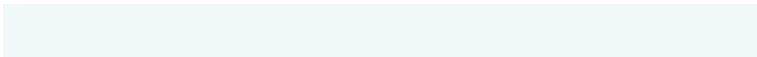
89.7523, 93.1431, 106.1765



90.5813, 93.1431, 101.7601



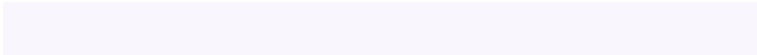
87.3183, 93.1431, 96.8019



86.5094, 93.1431, 101.0746

Sweetspot

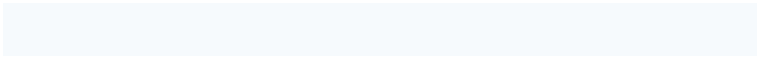
The Sweet Spot groups the original color and five complimentary colors.



89.7550, 93.1471, 106.1785



93.7075, 98.1083, 108.6056



89.9506, 95.1110, 106.5473



20.0714, 21.0192, 23.2492



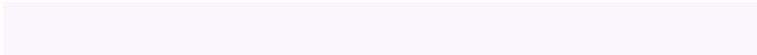
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



89.7550, 93.1471, 106.1785



91.0669, 94.3956, 108.0282



90.9841, 93.7808, 106.2361



19.2690, 19.8916, 23.0738



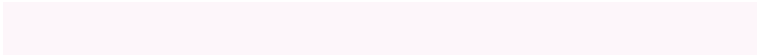
12.9025, 5.5619, 49.8281



1.3783, 0.6044, 4.8573

Inverse Universe

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



90.7224, 93.7005, 103.7517



92.1349, 95.0066, 105.3484



89.9742, 96.6053, 101.0980



19.5577, 20.0568, 22.3486



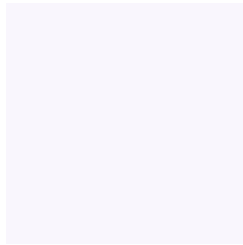
24.3280, 12.2205, 15.6436



2.4235, 1.2118, 1.8115

Previews

White Background



This preview shows how the XYZ color 89.7523, 93.1431, 106.1765 looks on a white background.

Color Contrast Check

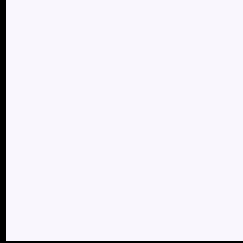
Large Text (above 18pt) WCAG AA × Fail

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 89.7523, 93.1431, 106.1765 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

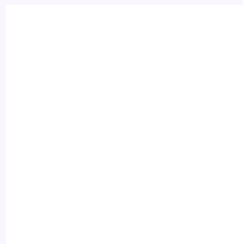
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 89.7523, 93.1431, 106.1765

Background



This preview shows how black text looks on a background with the XYZ color 89.7523, 93.1431, 106.1765.



This preview shows how white text looks on a background with the XYZ color 89.7523, 93.1431,

106.765.

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**

89.7523, 93.1431, 106.1765

Protanopia

90.1097, 93.3274, 106.1932

Deuteranopia

90.8460, 92.8635, 103.5788

Tritanopia

90.0727, 93.2713, 107.8636

Trichromacy

Original Color

89.7523, 93.1431, 106.1765

Protanomaly

90.1097, 93.3274, 106.1932

Deuteranomaly

90.5730, 93.1525, 104.4733

Tritanomaly

89.9121, 93.2070, 107.0178

Monochromacy

Original Color

89.7523, 93.1431, 106.1765

Achromatopsia

89.2221, 93.8686, 102.2229

Achromatomaly

89.2275, 93.3801, 103.7639

CSS Examples

Text

The CSS property to change the color of the text to XYZ 89.7523, 93.1431, 106.1765 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, 253)` looks like.

```
.text, #text, p{  
    color:rgb(249, 246, 253)  
}
```

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, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 246, 253) }
```

Border

The CSS property to change the border of an element to XYZ 89.7523, 93.1431, 106.1765 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, 253) }
```


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

```
.border{ border-color:rgb(249, 246, 253) }
```

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, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 246, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 246, 253);  
box-shadow:4px 4px 4px 4px rgb(249, 246,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 89.7523, 93.1431, 106.1765 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, 253) }
```

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

```
.background{ background-color: rgb(249,  
246, 253) }
```

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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