

# Converting Colors

XYZ(90.5516, 93.6461,  
107.0233)

Have a look what the booklet for  
XYZ(90.5516, 93.6461, 107.0233)  
contains.

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# Color

**XYZ(90.6288, 93.5765,  
107.0514)**

# Conversions

Conversions Part 1	
Format	Color
Hex	FBF6FE
RGB	251, 246, 254
RGB Percent	98%, 96%, 100%
CMY	0.0157, 0.0353, 0.0039
CMYK	0.01, 0.03, 0.00, 0.00
HSL	277°, 80%, 98%
HSV	277°, 3%, 100%
XYZ	90.6288, 93.5765, 107.0514
YIQ	248.4070, 0.4120, 3.5480

# Conversions

## Conversions Part 2

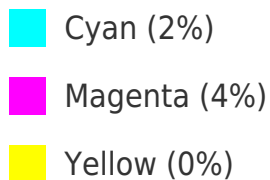
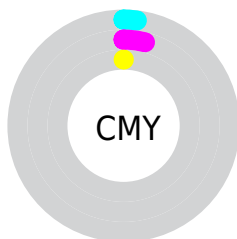
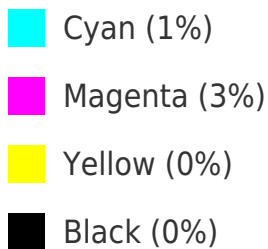
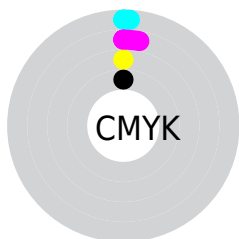
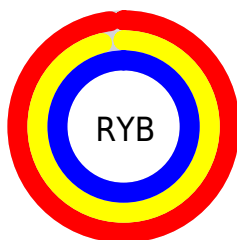
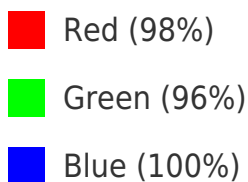
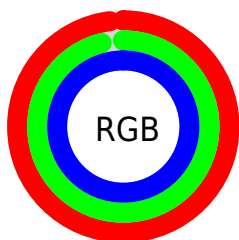
Format	Color
<a href="#">RYB</a>	<a href="#">251, 246, 254</a>
Decimal	<a href="#">16512766</a>
CIELab	<a href="#">97.46, 3.07, -3.25</a>
CIELCh	<a href="#">97, 4.473, 313.399</a>
Yxy	<a href="#">93.5765, 0.3112, 0.3213</a>
Android (android.graphics.Color)	<a href="#">4294702846</a> (0xFFFBF6FE)
YUV	<a href="#">248.4070, 2.7573, 2.2741</a>
Hunter-Lab	<a href="#">96.7349, -2.0535, 2.1014</a>

# Details

The XYZ color 90.6288, 93.5765, 107.0514 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 91.1469, 97.6797, 101.2436, and the grayscale version is 89.5363, 94.1992, 102.5829.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 50.9972, 52.4602, 60.2613 is the 20% darker color. If you saturate the color by 10%, you get 80.0789, 77.4446, 104.4951, and if you desaturate by 10%, it is 94.8897, 99.9359, 108.0557.

# Distribution




# Brightness & Saturation Gradients

These gradients show how the XYZ color 90.6288, 93.5765, 107.0514 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 90.6288, 93.5765, 107.0514 by changing the saturation by 10% instead.




 90.6288, 93.5765,  
107.0514

 90.6288, 93.5765,  
107.0514


518.2816,  
539.5977, 604.0099

 68.8403, 70.9508,  
81.5528


147.0854,  
152.2965, 172.9503

 50.8578, 52.3020,  
60.4633


182.4843,  
189.1596, 214.1876

 36.3160, 37.2459,  
43.3644


223.1506,  
231.5372, 261.5082

 24.8496, 25.3979,  
29.8376

269.4497,  
279.8138, 315.3307

 16.0932, 16.3738,  
19.4644

321.7470,  
334.3738, 376.0736

 9.6814, 9.7890,  
11.8261


380.4079,


 5.2489, 5.2593,

395.6015, 444.1554

6.5043


445.7976,  
463.8813, 519.9946

 2.4303, 2.4002,  
3.0804


 0.8602, 0.8260,  
1.1358


 90.6288, 93.5765,  
107.0514

 90.6288, 93.5765,  
107.0514

 80.0789, 77.4446,  
104.4951

94.8897, 99.9359,  
108.0557

 70.7105, 63.4242,  
102.2826

 62.4781, 51.4269,  
100.4008

 55.3303, 41.3536,  
98.8332

■ 49.2112, 33.0965,  
97.5619

■ 44.0593, 26.5367,  
96.5673

■ 39.8058, 21.5411,  
95.8272

■ 36.3717, 17.9556,  
95.3162

■ 33.6612, 15.5934,  
95.0031

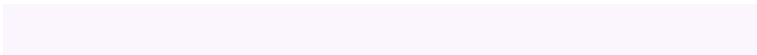
# Harmonies

## Analogous

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



89.5083, 93.5765, 108.8394



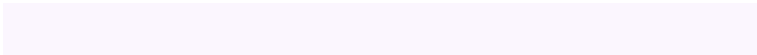
90.6288, 93.5765, 107.0514



91.3007, 93.5765, 103.8986

# Triad

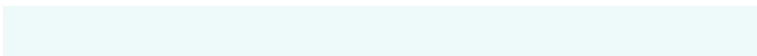
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



90.6288, 93.5765, 107.0514



89.6406, 93.5765, 95.3374



86.5890, 93.5765, 103.5170

# Complementary

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



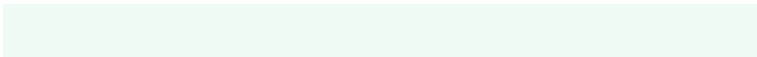
90.6288, 93.5765, 107.0514



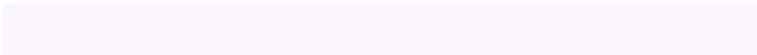
91.1469, 97.6797, 101.2436

# 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.



86.6236, 93.5765, 99.9053



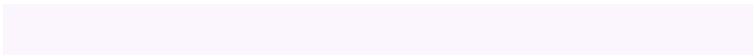
90.6288, 93.5765, 107.0514



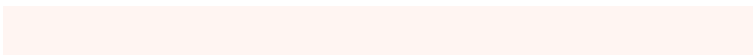
88.3774, 93.5765, 95.2408

# Square

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



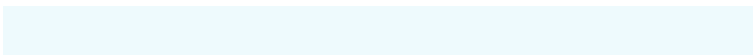
90.6288, 93.5765, 107.0514



90.7264, 93.5765, 97.1623



87.2756, 93.5765, 96.8951

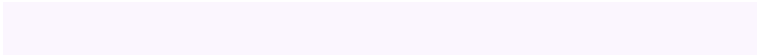


87.1804, 93.5765, 106.7663

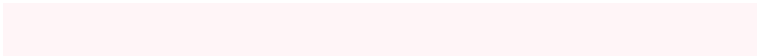


# Rectangle

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



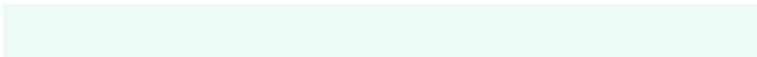
90.6288, 93.5765, 107.0514



91.3998, 93.5765, 101.4751



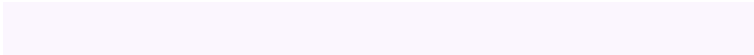
87.2756, 93.5765, 96.8951



86.5280, 93.5765, 102.3038

# Sweetspot

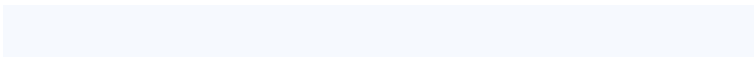
The Sweet Spot groups the original color and five complimentary colors.



90.6315, 93.5805, 107.0534



93.8908, 98.2028, 108.6142



89.7954, 94.5450, 107.2837



20.1087, 21.0384, 23.2509



0.0000, 0.0000, 0.0000

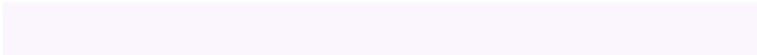


20.3446, 21.4041, 23.3091



# Same Dimension

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



90.6315, 93.5805, 107.0534



90.4879, 92.9452, 107.7787



91.5718, 94.0825, 106.3194



19.1892, 19.6186, 23.0253



17.1070, 7.7295, 50.0249

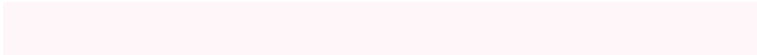


1.7868, 0.8151, 4.8764

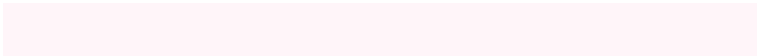


# Inverse Universe

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



90.9311, 93.8262, 102.9451



90.8727, 93.2602, 102.5294



90.2295, 97.1902, 101.9501



19.2872, 19.6987, 21.6947



22.7106, 11.5735, 7.1265

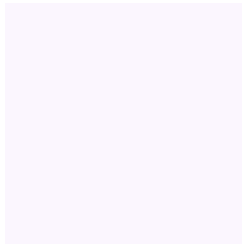


2.2622, 1.1472, 0.9620



# Previews

## White Background



This preview shows how the XYZ color 90.6288, 93.5765, 107.0514 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

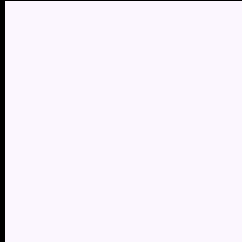
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 90.6288, 93.5765, 107.0514 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

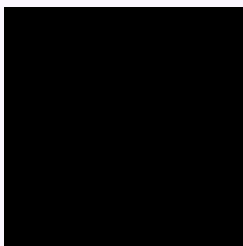
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 90.6288, 93.5765, 107.0514

## Background



This preview shows how black text looks on a background with the XYZ color 90.6288, 93.5765, 107.0514.



This preview shows how white text looks on a background with the XYZ color 90.6288, 93.5765,



# 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

90.6288, 93.5765, 107.0514

### Protanopia

90.2695, 93.3913, 107.0345

### Deuteranopia

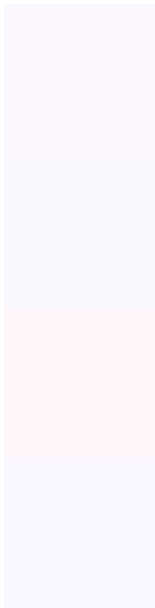
91.1477, 93.4669, 103.6794



## Tritanopia

90.4301, 93.4555, 107.8803

# Trichromacy



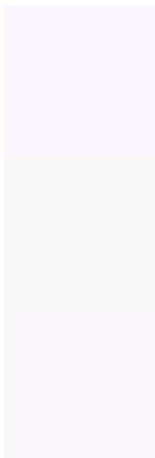
**Original Color**  
90.6288, 93.5765, 107.0514

**Protanomaly**  
90.2695, 93.3913, 107.0345

**Deuteranomaly**  
90.9380, 93.3407, 104.4904

**Tritanomaly**  
90.4301, 93.4555, 107.8803

# Monochromacy



**Original Color**  
90.6288, 93.5765, 107.0514

**Achromatopsia**  
89.2221, 93.8686, 102.2229

**Achromatomaly**  
89.5830, 93.5634, 103.7805

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 90.6288, 93.5765, 107.0514 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, 254) looks like.

```
.text, #text, p{  
    color:rgb(251, 246, 254)  
}
```

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, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 246, 254) }
```

## Border

The CSS property to change the border of an element to XYZ 90.6288, 93.5765, 107.0514 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, 254) }
```



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

```
.border{ border-color:rgb(251, 246, 254) }
```

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, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 246, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 246, 254);  
box-shadow:4px 4px 4px 4px rgb(251, 246,  
254) }
```

# Background

The CSS property to change the background color of an element to XYZ 90.6288, 93.5765, 107.0514 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, 254) }
```

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

```
.background{ background-color: rgb(251,  
246, 254) }
```

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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