

Converting Colors

XYZ(89.3255, 91.4005,
107.5418)

Have a look what the booklet for
XYZ(89.3255, 91.4005, 107.5418)
contains.

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Color

**XYZ(89.5249, 91.6452,
107.5786)**

Conversions

Conversions Part 1

Format	Color
Hex	FAF3FF
RGB	250, 243, 255
RGB Percent	98%, 95%, 100%
CMY	0.0196, 0.0470, 0.0000
CMYK	0.02, 0.05, 0.00, 0.00
HSL	275°, 100%, 98%
HSV	275°, 5%, 100%
XYZ	89.5249, 91.6452, 107.5786
YIQ	246.4610, 0.3200, 5.2160

Conversions

Conversions Part 2

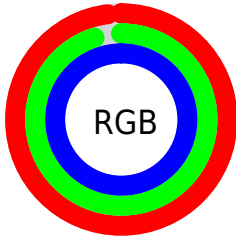
Format	Color
R _Y B	250, 243, 255
Decimal	16446463
CIE Lab	96.68, 4.45, -4.93
CIE LCh	97, 6.645, 312.096
Yxy	91.6452, 0.3100, 0.3174
Android (android.graphics.Color)	4294636543 (0xFFFAF3FF)
YUV	246.4610, 4.2097, 3.1037
Hunter-Lab	95.7315, -0.6029, 0.3847

Details

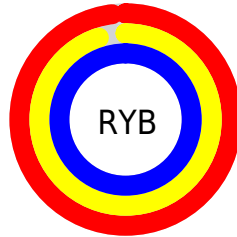
The XYZ color **89.5249, 91.6452, 107.5786** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **90.6515, 97.9487, 98.9269**, and the grayscale version is **87.9395, 92.5192, 100.7534**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **50.2115, 51.0872, 60.6405** is the 20% darker color. If you saturate the color by 10%, you get **78.7167, 75.5229, 105.0363**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

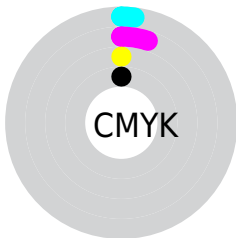
Distribution



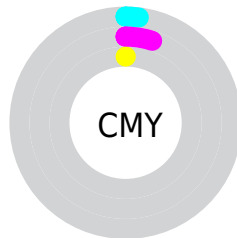
- Red (98%)
- Green (95%)
- Blue (100%)



- Red (98%)
- Yellow (95%)
- Blue (100%)



- Cyan (2%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)




- Cyan (2%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 89.5249, 91.6452, 107.5786 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 89.5249, 91.6452, 107.5786 by changing the saturation by 10% instead.


 89.5249, 91.6452,
107.5786

 89.5249, 91.6452,
107.5786


514.7451,
533.3682, 605.6796

 67.9216, 69.3460,
81.9926

145.5600,
149.6216, 173.6760

 50.1074, 50.9935,
60.8237


180.7225,
186.0675, 215.0244

 35.7169, 36.2035,
43.6532


221.1355,
227.9977, 262.4640

 24.3847, 24.5914,
30.0628

267.1644,
275.7968, 316.4135

 15.7455, 15.7729,
19.6338

319.1744,
329.8489, 377.2912

 9.4340, 9.3636,
11.9477

377.5310,

 5.0847, 4.9791,

390.5386, 445.5158

6.5860

442.5994,
458.2503, 521.5057

■ 2.3323, 2.2350,
3.1301

■ 0.8111, 0.7390,
1.1614

■ 89.5249, 91.6452,
107.5786

■ 89.5249, 91.6452,
107.5786

■ 78.7167, 75.5229,
105.0363

95.0500, 100.0000,
108.9000

■ 69.1336, 61.5384,
102.8421

■ 60.7280, 49.6008,
100.9809

■ 53.4461, 39.6082,
99.4360

■ 47.2297, 31.4495,
98.1888

■ 42.0147, 25.0025,
97.2193

■ 37.7292, 20.1292,
96.5045

■ 34.2899, 16.6693,
96.0180

■ 31.5954, 14.4263,
95.7270

Harmonies

Analogous

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



87.8574, 91.6452, 110.1370



89.5249, 91.6452, 107.5786



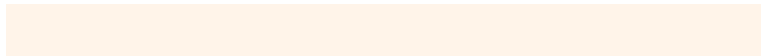
90.5527, 91.6452, 102.9672

Triad

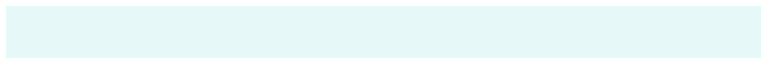
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.5249, 91.6452, 107.5786



88.2098, 91.6452, 90.3560



83.6566, 91.6452, 101.9471

Complementary

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



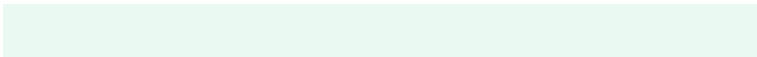
89.5249, 91.6452, 107.5786



90.6515, 97.9487, 98.9269

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.



83.7479, 91.6452, 96.6711



89.5249, 91.6452, 107.5786



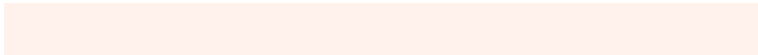
86.3590, 91.6452, 90.1049

Square

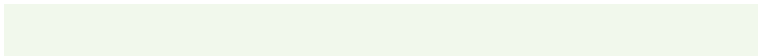
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



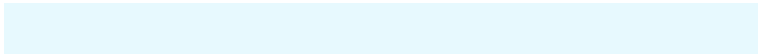
89.5249, 91.6452, 107.5786



89.7861, 91.6452, 93.0779



84.7311, 91.6452, 92.3792



84.4798, 91.6452, 106.8090

Rectangle

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



89.5249, 91.6452, 107.5786



90.7281, 91.6452, 99.4121



84.7311, 91.6452, 92.3792



83.5816, 91.6452, 100.1610

Sweetspot

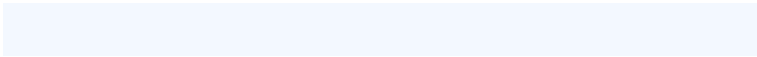
The Sweet Spot groups the original color and five complimentary colors.



89.5273, 91.6490, 107.5792



93.8520, 98.1828, 108.6124



88.6442, 93.5357, 107.9899



20.1008, 21.0343, 23.2506



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.



89.5273, 91.6490, 107.5792



88.0548, 89.4344, 107.2293



91.2139, 92.5333, 106.9875



18.6903, 18.9068, 22.9143



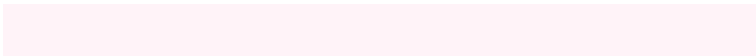
16.0562, 7.1878, 49.9757



1.6878, 0.7640, 4.8718

Inverse Universe

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



90.2363, 92.1423, 101.8398



88.9581, 90.0622, 99.9452



89.0238, 97.0956, 99.4825



18.9045, 19.0557, 21.1899



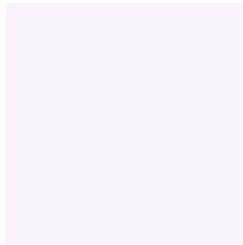
22.9858, 11.6836, 8.5755



2.2910, 1.1588, 1.1138

Previews

White Background



This preview shows how the XYZ color 89.5249, 91.6452, 107.5786 looks on a white background.

Color Contrast Check

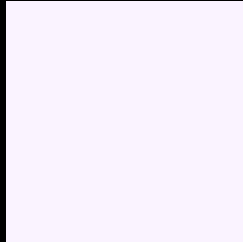
Large Text (above 18pt) WCAG AA × Fail

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 89.5249, 91.6452, 107.5786 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

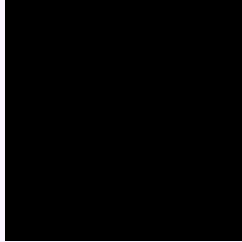
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 89.5249, 91.6452, 107.5786

Background



This preview shows how black text looks on a background with the XYZ color 89.5249, 91.6452, 107.5786.



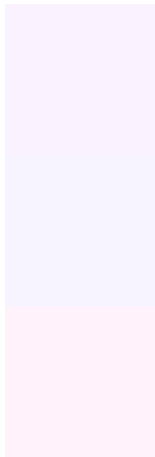
This preview shows how white text looks on a background with the XYZ color 89.5249, 91.6452,

107.5786.

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

89.5249, 91.6452, 107.5786

Protanopia

88.7585, 91.6955, 107.6287

Deuteranopia

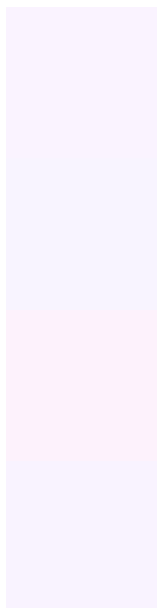
90.4047, 91.7293, 104.2075



Tritanopia

89.1675, 91.4609, 107.5618

Trichromacy



Original Color

89.5249, 91.6452, 107.5786

Protanomaly

89.1121, 91.8778, 107.6452

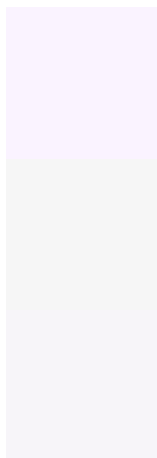
Deuteranomaly

89.8308, 91.4152, 105.0058

Tritanomaly

89.1675, 91.4609, 107.5618

Monochromacy



Original Color

89.5249, 91.6452, 107.5786

Achromatopsia

87.5964, 92.1582, 100.3603

Achromatomaly

88.1091, 91.9185, 102.7207

CSS Examples

Text

The CSS property to change the color of the text to XYZ 89.5249, 91.6452, 107.5786 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(250, 243, 255) looks like.

```
.text, #text, p{  
    color:rgb(250, 243, 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(250, 243, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 243, 255) }
```

Border

The CSS property to change the border of an element to XYZ 89.5249, 91.6452, 107.5786 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(250, 243, 255) }
```


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

```
.border{ border-color:rgb(250, 243, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 243, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 243, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 243, 255);  
box-shadow:4px 4px 4px 4px rgb(250, 243,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 89.5249, 91.6452, 107.5786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 243, 255) }
```

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

```
.background{ background-color: rgb(250,  
243, 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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