

Converting Colors

XYZ(90.3847, 95.0016,
121.0755)

Have a look what the booklet for
XYZ(90.3847, 95.0016, 121.0755)
contains.

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Color

**XYZ(87.8322, 93.9419,
108.1111)**

Conversions

Conversions Part 1

Format	Color
Hex	EFFAFF
RGB	239, 250, 255
RGB Percent	94%, 98%, 100%
CMY	0.0627, 0.0196, 0.0000
CMYK	0.06, 0.02, 0.00, 0.00
HSL	199°, 100%, 97%
HSV	199°, 6%, 100%
XYZ	87.8322, 93.9419, 108.1111
YIQ	247.2810, -8.1610, -0.7770

Conversions

Conversions Part 2

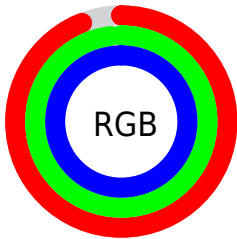
Format	Color
R _Y B	239, 246, 255
Decimal	15727359
CIE Lab	97.61, -2.68, -3.65
CIE LCh	98, 4.526, 233.731
Yxy	93.9419, 0.3030, 0.3241
Android (android.graphics.Color)	4293917439 (0xFFE6FAFF)
YUV	247.2810, 3.8055, -7.2624
Hunter-Lab	96.9236, -7.8596, 1.7130

Details

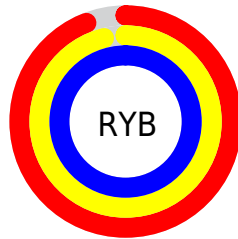
The XYZ color **87.8322, 93.9419, 108.1111** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **89.1699, 92.1913, 94.7578**, and the grayscale version is **88.6136, 93.2284, 101.5257**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.0133, 52.7281, 61.0203** is the 20% darker color. If you saturate the color by 10%, you get **77.4019, 84.9723, 106.9295**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

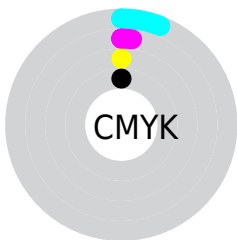
Distribution



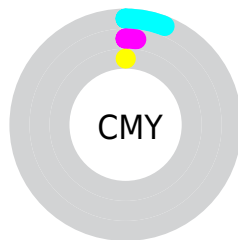
- Red (94%)
- Green (98%)
- Blue (100%)



- Red (94%)
- Yellow (96%)
- Blue (100%)



- Cyan (6%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)





- Cyan (6%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 87.8322, 93.9419, 108.1111 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 87.8322, 93.9419, 108.1111 by changing the saturation by 10% instead.


 87.8322, 93.9419,
108.1111

 87.8322, 93.9419,
108.1111

509.2972,
540.7720, 607.3636

 66.5144, 71.2546,
82.4370

143.2172,
152.8020, 174.4086

 48.9594, 52.5500,
61.1879


178.0152,
189.7436, 215.8690

 34.8017, 37.4437,
43.9453

218.0374,
232.2054, 263.4287

 23.6759, 25.5512,
30.2906

263.6489,
280.5719, 317.5061

 15.2168, 16.4882,
19.8053

315.2154,
335.2274, 378.5197

 9.0590, 9.8703,
12.0710

373.1020,

 4.8371, 5.3130,

396.5563, 446.8881

6.6689

437.6741,
464.9431, 523.0299

■ 2.1858, 2.4321,
3.1806

■ 0.7352, 0.8423,
1.1876

■ 87.8322, 93.9419,
108.1111

■ 87.8322, 93.9419,
108.1111

■ 77.4019, 84.9723,
106.9295

95.0500, 100.0000,
108.9000

■ 68.2363, 76.8051,
105.8362

■ 60.2823, 69.4138,
104.8287

■ 53.4804, 62.7656,
103.9040

■ 47.7653, 56.8250,
103.0586

■ 43.0650, 51.5527,
102.2886

■ 39.2981, 46.9047,
101.5900

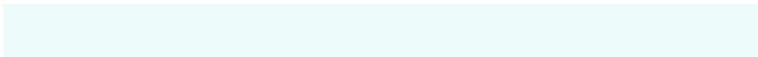
■ 36.3694, 42.8298,
100.9579

■ 34.1607, 39.2649,
100.3862

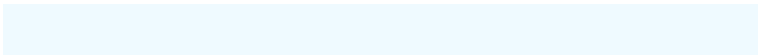
Harmonies

Analogous

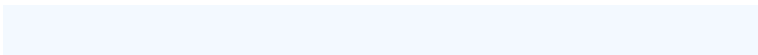
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.0414, 93.9419, 105.1671



87.8322, 93.9419, 108.1111



89.0189, 93.9419, 109.4986

Triad

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



87.8322, 93.9419, 108.1111



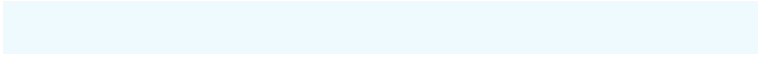
91.7728, 93.9419, 103.0631



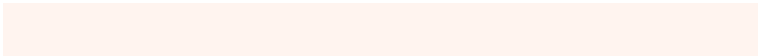
88.2962, 93.9419, 95.9316

Complementary

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



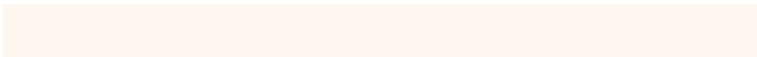
87.8322, 93.9419, 108.1111



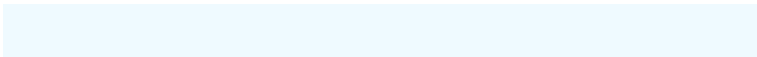
89.1699, 92.1913, 94.7578

Split Complementary

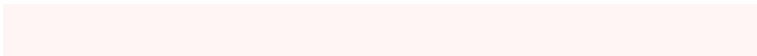
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.5596, 93.9419, 95.3988



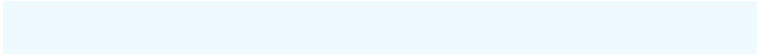
87.8322, 93.9419, 108.1111



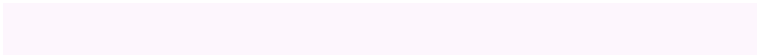
91.5748, 93.9419, 99.4595

Square

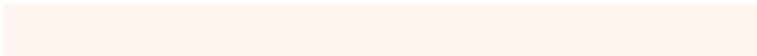
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



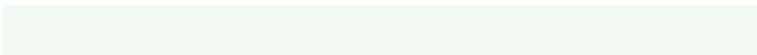
87.8322, 93.9419, 108.1111



91.3001, 93.9419, 106.5393



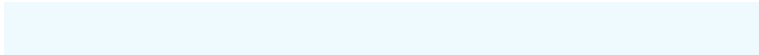
90.7617, 93.9419, 96.6755



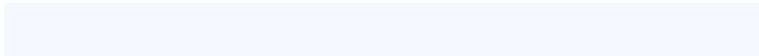
87.3075, 93.9419, 98.1489

Rectangle

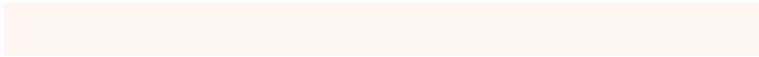
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87.8322, 93.9419, 108.1111



89.8780, 93.9419, 109.3310



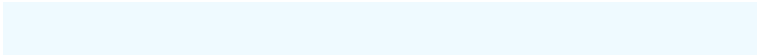
90.7617, 93.9419, 96.6755



88.7025, 93.9419, 95.5518

Sweetspot

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



87.8346, 93.9458, 108.1117



92.6927, 98.0339, 108.6447



87.6563, 96.3907, 99.4152



19.8648, 21.0040, 23.2571



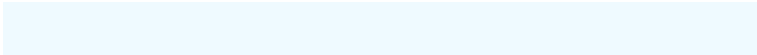
0.0000, 0.0000, 0.0000



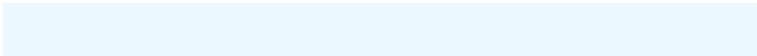
20.3446, 21.4041, 23.3091

Same Dimension

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



87.8346, 93.9458, 108.1117



85.9409, 92.3378, 107.9012



85.4594, 89.1954, 107.3200



18.0484, 19.4685, 23.0565



17.6211, 20.1517, 52.3955



1.8133, 2.1574, 5.1341

Inverse Universe

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



89.3633, 89.8966, 103.0889



87.8754, 87.2644, 101.5336



91.5680, 96.9876, 95.5572



18.5371, 18.1982, 21.4455



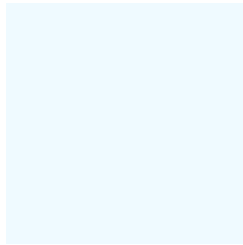
25.6825, 12.7623, 22.7763



2.5499, 1.2623, 2.4772

Previews

White Background



This preview shows how the XYZ color 87.8322, 93.9419, 108.1111 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 87.8322, 93.9419, 108.1111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

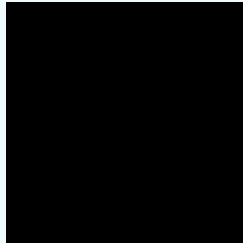
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

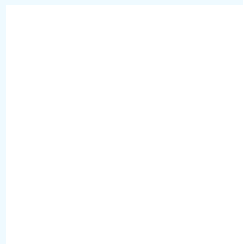
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 87.8322, 93.9419, 108.1111

Background



This preview shows how black text looks on a background with the XYZ color 87.8322, 93.9419, 108.1111.

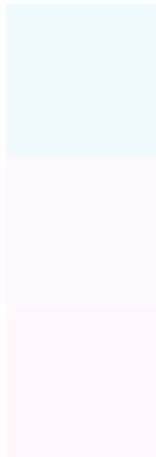


This preview shows how white text looks on a background with the XYZ color 87.8322, 93.9419,

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

87.8322, 93.9419, 108.1111

Protanopia

90.7740, 94.1226, 106.3117

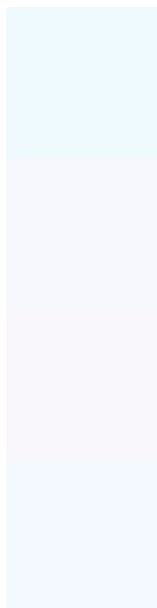
Deuteranopia

91.3050, 93.5299, 104.5076

Tritanopia

89.6234, 93.9476, 108.0178

Trichromacy



Original Color

87.8322, 93.9419, 108.1111

Protanomaly

89.8146, 94.0647, 107.1885

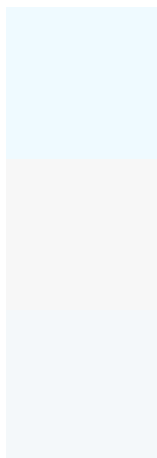
Deuteranomaly

89.8984, 93.6895, 105.4412

Tritanomaly

88.8878, 94.0260, 108.0717

Monochromacy



Original Color

87.8322, 93.9419, 108.1111

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

88.1309, 93.2700, 103.8004

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.8322, 93.9419, 108.1111 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(239, 250, 255)` looks like.

```
.text, #text, p{  
    color:rgb(239, 250, 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(239, 250, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 250, 255) }
```

Border

The CSS property to change the border of an element to XYZ 87.8322, 93.9419, 108.1111 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(239, 250, 255) }
```


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

```
.border{ border-color:rgb(239, 250, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 250, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 250, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 250, 255);  
box-shadow:4px 4px 4px 4px rgb(239, 250,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 87.8322, 93.9419, 108.1111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 250, 255) }
```

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

```
.background{ background-color: rgb(239,  
250, 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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