

Converting Colors

XYZ(89.5416, 90.8471,
107.4236)

Have a look what the booklet for
XYZ(89.5416, 90.8471, 107.4236)
contains.

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Color

**XYZ(89.6502, 90.8260,
107.4138)**

Conversions

Conversions Part 1

Format	Color
Hex	FCF1FF
RGB	252, 241, 255
RGB Percent	99%, 95%, 100%
CMY	0.0118, 0.0549, 0.0000
CMYK	0.01, 0.05, 0.00, 0.00
HSL	287°, 100%, 97%
HSV	287°, 5%, 100%
XYZ	89.6502, 90.8260, 107.4138
YIQ	245.8850, 2.0620, 6.6860

Conversions

Conversions Part 2

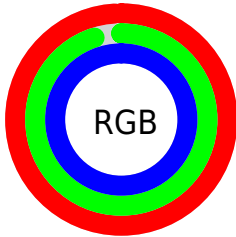
Format	Color
R _Y B	252, 241, 255
Decimal	16577023
CIE Lab	96.34, 6.13, -5.41
CIE LCh	96, 8.179, 318.594
Yxy	90.8260, 0.3114, 0.3155
Android (android.graphics.Color)	4294767103 (0xFFFCF1FF)
YUV	245.8850, 4.4937, 5.3629
Hunter-Lab	95.3027, 1.1333, -0.1127

Details

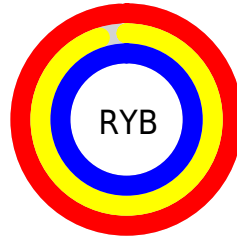
The XYZ color 89.6502, 90.8260, 107.4138 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 88.9476, 97.1050, 97.2787, and the grayscale version is 87.4703, 92.0255, 100.2158.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 50.0477, 50.3772, 60.5121 is the 20% darker color. If you saturate the color by 10%, you get 80.6747, 75.7693, 104.9807, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

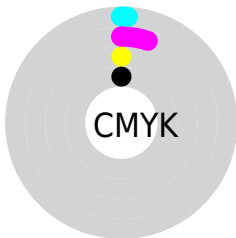
Distribution



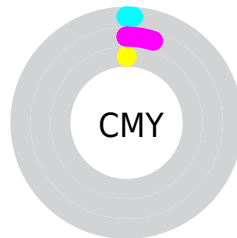
- Red (99%)
- Green (95%)
- Blue (100%)



- Red (99%)
- Yellow (95%)
- Blue (100%)



- Cyan (1%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)





- Cyan (1%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 89.6502, 90.8260, 107.4138 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 89.6502, 90.8260, 107.4138 by changing the saturation by 10% instead.


 89.6502, 90.8260,
107.4138

 89.6502, 90.8260,
107.4138


515.1472,
530.7141, 605.1579

 68.0259, 68.6659,
81.8551


145.7332,
148.4852, 173.4491

 50.1925, 50.4397,
60.7110


180.9226,
184.7531, 214.7629

 35.7848, 35.7629,
43.5629


221.3645,
226.4925, 262.1653

 24.4374, 24.2511,
29.9924

267.4241,
274.0876, 316.0751

 15.7849, 15.5200,
19.5808

319.4668,
327.9230, 376.9107

 9.4619, 9.1851,
11.9096

377.8580,

 5.1032, 4.8621,

388.3829, 445.0907

6.5604

442.9630,
455.8518, 521.0336

■ 2.3433, 2.1666,
3.1145

■ 0.8167, 0.7017,
1.1534

■ 89.6502, 90.8260,
107.4138

■ 89.6502, 90.8260,
107.4138

■ 80.6747, 75.7693,
104.9807

95.0500, 100.0000,
108.9000

■ 72.7662, 62.7635,
102.8871

■ 65.8797, 51.7189,
101.1183

■ 59.9646, 42.5347,
99.6573

■ 54.9654, 35.1006,
98.4858

■ 50.8209, 29.2951,
97.5837

■ 47.4619, 24.9806,
96.9280

■ 44.8078, 21.9965,
96.4919

■ 42.7590, 20.1443,
96.2423

Harmonies

Analogous

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



87.7298, 90.8260, 111.2501



89.6502, 90.8260, 107.4138



90.6869, 90.8260, 101.3925

Triad

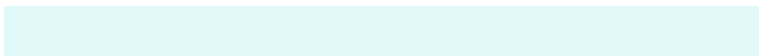
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.6502, 90.8260, 107.4138



87.1954, 90.8260, 87.1145



82.2472, 90.8260, 102.9428

Complementary

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



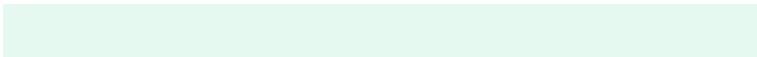
89.6502, 90.8260, 107.4138



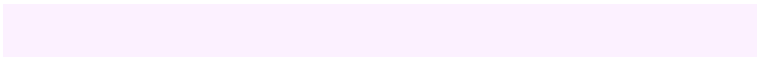
88.9476, 97.1050, 97.2787

Split Complementary

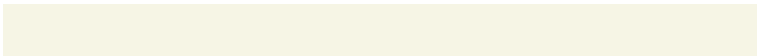
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.1099, 90.8260, 96.4371



89.6502, 90.8260, 107.4138



84.9400, 90.8260, 87.4886

Square

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



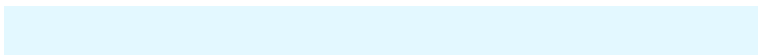
89.6502, 90.8260, 107.4138



89.2531, 90.8260, 89.7918



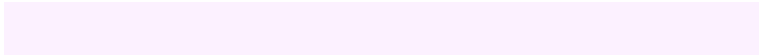
83.0877, 90.8260, 90.8372



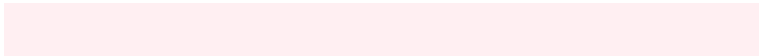
83.4663, 90.8260, 108.5916

Rectangle

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



89.6502, 90.8260, 107.4138



90.7254, 90.8260, 97.0338



83.0877, 90.8260, 90.8372



82.0738, 90.8260, 100.7780

Sweetspot

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



89.6526, 90.8298, 107.4144



93.0437, 96.5824, 108.3461



86.6897, 90.6459, 107.5351



19.9362, 20.7084, 23.1963



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.



89.6526, 90.8298, 107.4144



88.2247, 88.4172, 107.0240



90.1151, 91.1412, 104.1381



18.7632, 18.7217, 22.8747



22.0602, 10.2829, 50.2567



2.2383, 1.0478, 4.8975

Inverse Universe

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



89.0267, 90.7059, 98.4068



87.4410, 88.2646, 95.6270



88.5146, 96.8126, 100.3843



18.5824, 18.6867, 20.2334



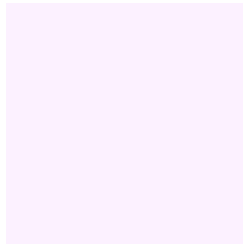
21.9486, 11.2687, 3.1136



2.1751, 1.1124, 0.5035

Previews

White Background



This preview shows how the XYZ color 89.6502, 90.8260, 107.4138 looks on a white background.

Color Contrast Check

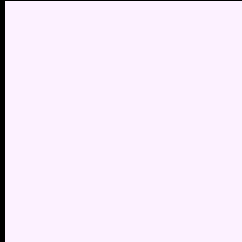
Large Text (above 18pt) WCAG AA × Fail

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 89.6502, 90.8260, 107.4138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

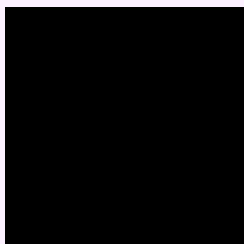
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 89.6502, 90.8260, 107.4138

Background



This preview shows how black text looks on a background with the XYZ color 89.6502, 90.8260, 107.4138.



This preview shows how white text looks on a background with the XYZ color 89.6502, 90.8260,

107.4138.

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

89.6502, 90.8260, 107.4138

Protanopia

87.7568, 90.7337, 107.4958

Deuteranopia

89.8127, 90.5452, 104.0101



Tritanopia

89.2265, 91.0483, 107.4791

Trichromacy



Original Color

89.6502, 90.8260, 107.4138

Protanomaly

88.5135, 90.6807, 107.4457

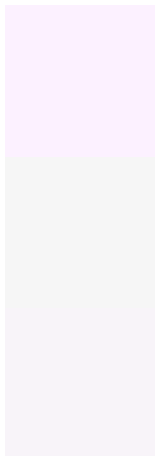
Deuteranomaly

89.6038, 90.4193, 104.8255

Tritanomaly

89.5858, 91.2335, 107.4959

Monochromacy



Original Color

89.6502, 90.8260, 107.4138

Achromatopsia

87.5964, 92.1582, 100.3603

Achromatomaly

88.1610, 91.4974, 102.6367

CSS Examples

Text

The CSS property to change the color of the text to XYZ 89.6502, 90.8260, 107.4138 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(252, 241, 255)` looks like.

```
.text, #text, p{  
    color:rgb(252, 241, 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(252, 241, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 241, 255) }
```

Border

The CSS property to change the border of an element to XYZ 89.6502, 90.8260, 107.4138 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(252, 241, 255) }
```


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

```
.border{ border-color:rgb(252, 241, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 241, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 241, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 241, 255);  
box-shadow:4px 4px 4px 4px rgb(252, 241,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 89.6502, 90.8260, 107.4138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 241, 255) }
```

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

```
.background{ background-color: rgb(252,  
241, 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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