

Converting Colors

XYZ(89.6862, 91.9561,
107.6301)

Have a look what the booklet for
XYZ(89.6862, 91.9561, 107.6301)
contains.

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Color

**XYZ(89.8250, 92.2454,
107.6786)**

Conversions

Conversions Part 1

Format	Color
Hex	FAF4FF
RGB	250, 244, 255
RGB Percent	98%, 96%, 100%
CMY	0.0196, 0.0431, 0.0000
CMYK	0.02, 0.04, 0.00, 0.00
HSL	273°, 100%, 98%
HSV	273°, 4%, 100%
XYZ	89.8250, 92.2454, 107.6786
YIQ	247.0480, 0.0450, 4.6930

Conversions

Conversions Part 2

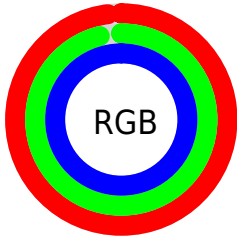
Format	Color
R_{YB}	250, 244, 255
Decimal	16446719
CIE Lab	96.92, 3.94, -4.57
CIE LCh	97, 6.036, 310.797
Yxy	92.2454, 0.3100, 0.3184
Android (android.graphics.Color)	4294636799 (0xFFFAF4FF)
YUV	247.0480, 3.9203, 2.5889
Hunter-Lab	96.0445, -1.1368, 0.7592

Details

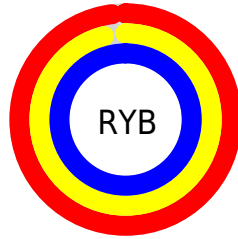
The XYZ color 89.8250, 92.2454, 107.6786 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 91.1585, 98.1926, 99.7412, and the grayscale version is 88.4184, 93.0231, 101.3021.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 50.4244, 51.5130, 60.7114 is the 20% darker color. If you saturate the color by 10%, you get 78.6499, 75.8735, 105.1075, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

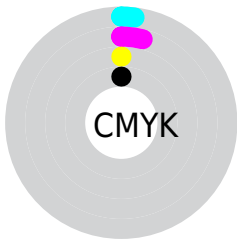
Distribution



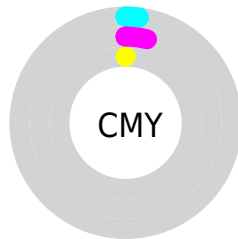
- Red (98%)
- Green (96%)
- Blue (100%)



- Red (98%)
- Yellow (96%)
- Blue (100%)



- Cyan (2%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)





- Cyan (2%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 89.8250, 92.2454, 107.6786 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 89.8250, 92.2454, 107.6786 by changing the saturation by 10% instead.


 89.8250, 92.2454,
107.6786

 89.8250, 92.2454,
107.6786


515.7078,
535.3083, 605.9960

 68.1713, 69.8445,
82.0760


145.9749,
150.4535, 173.8136

 50.3113, 51.3998,
60.8920


181.2018,
187.0294, 215.1831

 35.8796, 36.5268,
43.7081


221.6838,
229.0991, 262.6453

 24.5109, 24.8414,
30.1055

267.7862,
277.0470, 316.6187

 15.8398, 15.9589,
19.6660

319.8745,
331.2575, 377.5220

 9.5010, 9.4951,
11.9708

378.3139,

 5.1291, 5.0655,

392.1149, 445.7736

6.6015

443.4699,
460.0037, 521.7921

■ 2.3587, 2.2857,
3.1395

■ 0.8245, 0.7661,
1.1663

■ 89.8250, 92.2454,
107.6786

■ 89.8250, 92.2454,
107.6786

■ 78.6499, 75.8735,
105.1075

95.0500, 100.0000,
108.9000

■ 68.7414, 61.6633,
102.8869

■ 60.0509, 49.5237,
101.0018

■ 52.5237, 39.3526,
99.4352

■ 46.1007, 31.0387,
98.1690

■ 40.7167, 24.4594,
97.1829

■ 36.2988, 19.4770,
96.4540

■ 32.7631, 15.9316,
95.9560

■ 30.0076, 13.6277,
95.6566

Harmonies

Analogous

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



88.2889, 92.2454, 109.8980



89.8250, 92.2454, 107.6786



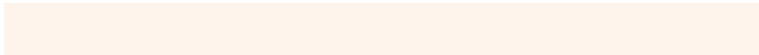
90.7930, 92.2454, 103.5435

Triad

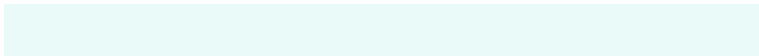
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.8250, 92.2454, 107.6786



88.7537, 92.2454, 91.8736



84.5113, 92.2454, 102.1997

Complementary

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



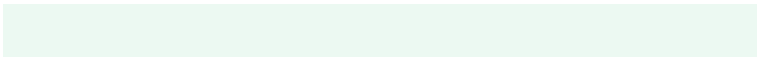
89.8250, 92.2454, 107.6786



91.1585, 98.1926, 99.7412

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.



84.6321, 92.2454, 97.3982



89.8250, 92.2454, 107.6786



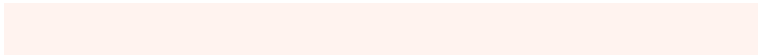
87.0669, 92.2454, 91.5400

Square

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



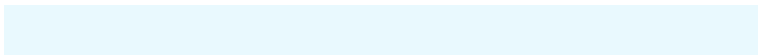
89.8250, 92.2454, 107.6786



90.1690, 92.2454, 94.4588



85.5625, 92.2454, 93.5325



85.2303, 92.2454, 106.6676

Rectangle

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



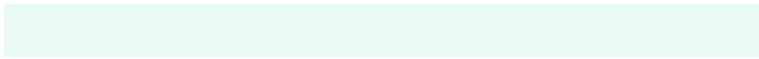
89.8250, 92.2454, 107.6786



90.9786, 92.2454, 100.3096



85.5625, 92.2454, 93.5325



84.4553, 92.2454, 100.5696

Sweetspot

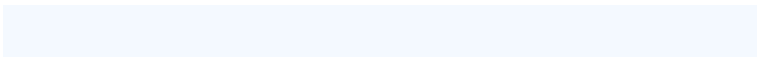
The Sweet Spot groups the original color and five complimentary colors.



89.8274, 92.2492, 107.6792



93.8166, 98.1646, 108.6107



89.2782, 94.2900, 108.1021



20.0936, 21.0306, 23.2502



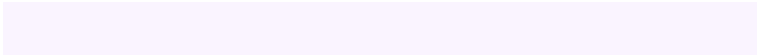
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



89.8274, 92.2492, 107.6792



89.0160, 91.0503, 107.4906



91.5835, 93.1614, 107.4537



18.8772, 19.2290, 22.9666



15.1752, 6.7336, 49.9345



1.6035, 0.7206, 4.8678

Inverse Universe

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



90.6920, 92.8048, 102.7592



90.0171, 91.6934, 101.7992



89.4561, 97.3085, 99.9523



19.1212, 19.3857, 21.5808



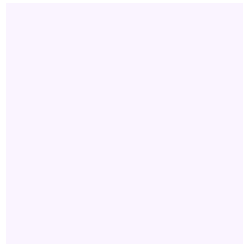
23.2671, 11.7961, 10.0570



2.3197, 1.1703, 1.2650

Previews

White Background



This preview shows how the XYZ color 89.8250, 92.2454, 107.6786 looks on a white background.

Color Contrast Check

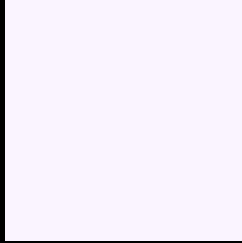
Large Text (above 18pt) WCAG AA × Fail

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 89.8250, 92.2454, 107.6786 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

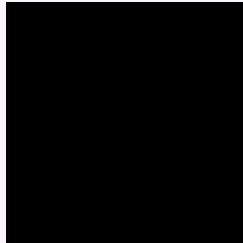
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 89.8250, 92.2454, 107.6786

Background



This preview shows how black text looks on a background with the XYZ color 89.8250, 92.2454, 107.6786.

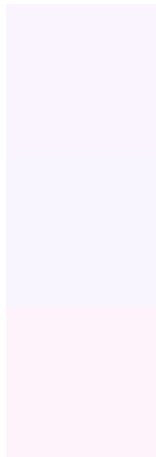


This preview shows how white text looks on a background with the XYZ color 89.8250, 92.2454,

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

89.8250, 92.2454, 107.6786

Protanopia

89.4138, 92.4813, 107.7458

Deuteranopia

90.7032, 92.3262, 104.3070

Tritanopia

89.4676, 92.0611, 107.6619

Trichromacy



Original Color

89.8250, 92.2454, 107.6786

Protanomaly

89.7693, 92.6646, 107.7624

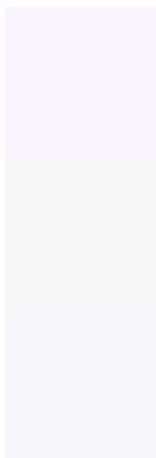
Deuteranomaly

90.1293, 92.0121, 105.1052

Tritanomaly

89.4676, 92.0611, 107.6619

Monochromacy



Original Color

89.8250, 92.2454, 107.6786

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

88.9225, 92.7701, 103.6622

CSS Examples

Text

The CSS property to change the color of the text to XYZ 89.8250, 92.2454, 107.6786 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, 244, 255)` looks like.

```
.text, #text, p{  
    color:rgb(250, 244, 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, 244, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 244, 255) }
```

Border

The CSS property to change the border of an element to XYZ 89.8250, 92.2454, 107.6786 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, 244, 255) }
```


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

```
.border{ border-color:rgb(250, 244, 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, 244, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 244, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 244, 255);  
box-shadow:4px 4px 4px 4px rgb(250, 244,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 89.8250, 92.2454, 107.6786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 244, 255) }
```

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

```
.background{ background-color: rgb(250,  
244, 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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