

Converting Colors

XYZ(89.0650, 90.4008,
112.4559)

Have a look what the booklet for
XYZ(89.0650, 90.4008, 112.4559)
contains.

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Color

**XYZ(88.2167, 90.0871,
107.3468)**

Conversions

Conversions Part 1

Format	Color
Hex	F8F1FF
RGB	248, 241, 255
RGB Percent	97%, 95%, 100%
CMY	0.0274, 0.0549, 0.0000
CMYK	0.03, 0.05, 0.00, 0.00
HSL	270°, 100%, 97%
HSV	270°, 5%, 100%
XYZ	88.2167, 90.0871, 107.3468
YIQ	244.6890, -0.3220, 5.8380

Conversions

Conversions Part 2

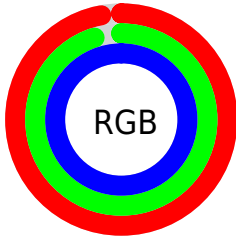
Format	Color
R _Y B	248, 241, 255
Decimal	16314879
CIE Lab	96.03, 4.82, -5.89
CIE LCh	96, 7.617, 309.293
Yxy	90.0871, 0.3088, 0.3154
Android (android.graphics.Color)	4294504959 (0xFFFF8F1FF)
YUV	244.6890, 5.0833, 2.9037
Hunter-Lab	94.9142, -0.1956, -0.6163

Details

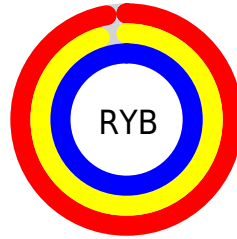
The XYZ color 88.2167, 90.0871, 107.3468 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 90.3509, 97.8284, 97.3445, and the grayscale version is 86.5040, 91.0090, 99.1088.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.2802, 49.9816, 60.4761 is the 20% darker color. If you saturate the color by 10%, you get 76.8228, 73.7836, 104.8004, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

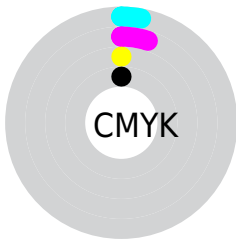
Distribution



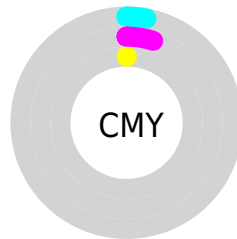
- Red (97%)
- Green (95%)
- Blue (100%)



- Red (97%)
- Yellow (95%)
- Blue (100%)



- Cyan (3%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (3%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 88.2167, 90.0871, 107.3468 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 88.2167, 90.0871, 107.3468 by changing the saturation by 10% instead.

88.2167, 90.0871,
107.3468

88.2167, 90.0871,
107.3468

510.5374,
528.3141, 604.9458

66.8339, 68.0529,
81.7992

143.7498,
147.4594, 173.3569

49.2199, 49.9408,
60.6652

178.6308,
183.5662, 214.6565

35.0092, 35.3663,
43.5262

218.7420,
225.1327, 262.0439

23.8365, 23.9452,
29.9638

264.4487,
272.5433, 315.9375

15.3365, 15.2930,
19.5593

316.1162,
326.1824, 376.7560

9.1437, 9.0253,
11.8942

374.1099,

4.8929, 4.7577,

386.4342, 444.9178

6.5500

438.7952,
453.6834, 520.8416

■ 2.2187, 2.1058,
3.1082

■ 0.7526, 0.6679,
1.1501

■ 88.2167, 90.0871,
107.3468

■ 88.2167, 90.0871,
107.3468

■ 76.8228, 73.7836,
104.8004

95.0500, 100.0000,
108.9000

■ 66.7414, 59.6577,
102.6052

■ 57.9219, 47.6166,
100.7458

■ 50.3075, 37.5563,
99.2053

■ 43.8365, 29.3635,
97.9650

■ 38.4413, 22.9133,
97.0044

■ 34.0460, 18.0645,
96.3001

■ 30.5629, 14.6530,
95.8252

■ 27.8850, 12.4765,
95.5462

Harmonies

Analogous

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



86.2810, 90.0871, 109.9925



88.2167, 90.0871, 107.3468



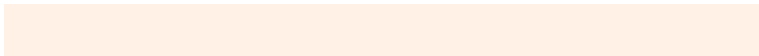
89.4713, 90.0871, 102.2500

Triad

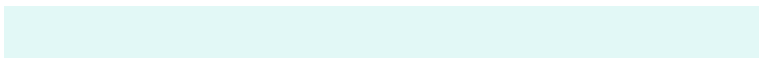
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.2167, 90.0871, 107.3468



87.0657, 90.0871, 87.6307



81.6885, 90.0871, 99.9753

Complementary

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



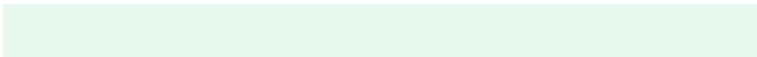
88.2167, 90.0871, 107.3468



90.3509, 97.8284, 97.3445

Split Complementary

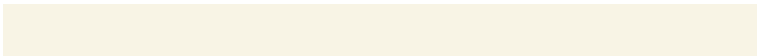
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.8907, 90.0871, 94.0435



88.2167, 90.0871, 107.3468



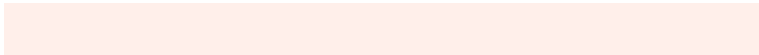
84.9725, 90.0871, 87.0779

Square

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



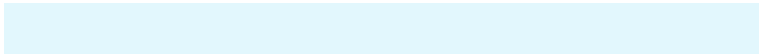
88.2167, 90.0871, 107.3468



88.7992, 90.0871, 90.9230



83.0847, 90.0871, 89.3804



82.5275, 90.0871, 105.6231

Rectangle

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



88.2167, 90.0871, 107.3468



89.7407, 90.0871, 98.2328



83.0847, 90.0871, 89.3804



81.6372, 90.0871, 97.9464

Sweetspot

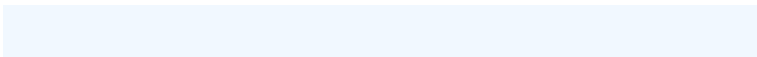
The Sweet Spot groups the original color and five complimentary colors.



88.2190, 90.0908, 107.3474



92.5124, 96.3086, 108.3212



87.9677, 93.2019, 107.9611



19.8281, 20.6527, 23.1913



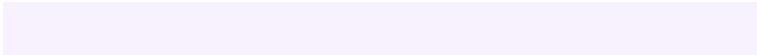
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



88.2190, 90.0908, 107.3474



86.4094, 87.4814, 106.9391



90.6613, 91.3499, 107.4617



18.3424, 18.5048, 22.8550



14.2142, 6.2382, 49.8895



1.5099, 0.6723, 4.8635

Inverse Universe

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



89.6410, 90.9517, 101.6412



88.2139, 88.5738, 99.6975



87.9954, 96.6141, 97.2342



18.7611, 18.7582, 21.1747



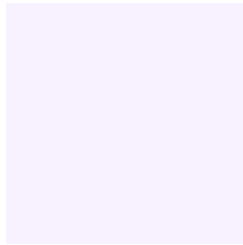
23.6437, 11.9468, 12.0399



2.3572, 1.1853, 1.4626

Previews

White Background



This preview shows how the XYZ color 88.2167, 90.0871, 107.3468 looks on a white background.

Color Contrast Check

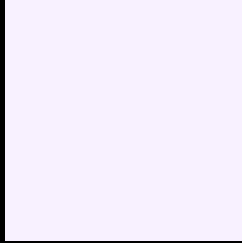
Large Text (above 18pt) WCAG AA × Fail

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 88.2167, 90.0871, 107.3468 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 88.2167, 90.0871, 107.3468

Background



This preview shows how black text looks on a background with the XYZ color 88.2167, 90.0871, 107.3468.



This preview shows how white text looks on a background with the XYZ color 88.2167, 90.0871,

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

88.2167, 90.0871, 107.3468

Protanopia

87.1104, 89.9574, 107.3800

Deuteranopia

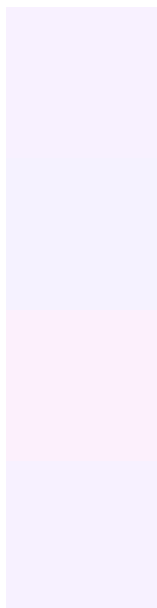
89.5191, 89.9580, 103.9123



Tritanopia

87.8631, 89.9048, 107.3302

Trichromacy



Original Color

88.2167, 90.0871, 107.3468

Protanomaly

87.4583, 90.1367, 107.3963

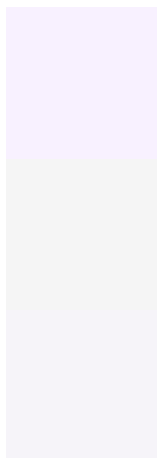
Deuteranomaly

88.8757, 90.0439, 104.7914

Tritanomaly

87.8631, 89.9048, 107.3302

Monochromacy



Original Color

88.2167, 90.0871, 107.3468

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

87.4556, 91.1338, 102.6037

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.2167, 90.0871, 107.3468 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(248, 241, 255) looks like.

```
.text, #text, p{  
    color:rgb(248, 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(248, 241, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 241, 255) }
```

Border

The CSS property to change the border of an element to XYZ 88.2167, 90.0871, 107.3468 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(248, 241, 255) }
```


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

```
.border{ border-color:rgb(248, 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(248, 241, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 241, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 241, 255);  
box-shadow:4px 4px 4px 4px rgb(248, 241,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 88.2167, 90.0871, 107.3468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 241, 255) }
```

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

```
.background{ background-color: rgb(248,  
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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