

Converting Colors

XYZ(89.9570, 92.1018,
104.7515)

Have a look what the booklet for
XYZ(89.9570, 92.1018, 104.7515)
contains.

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Color

**XYZ(89.7662, 91.8249,
105.0883)**

Conversions

Conversions Part 1

Format	Color
Hex	FCF3FC
RGB	252, 243, 252
RGB Percent	99%, 95%, 99%
CMY	0.0118, 0.0470, 0.0118
CMYK	0.00, 0.04, 0.00, 0.01
HSL	300°, 60%, 97%
HSV	300°, 4%, 99%
XYZ	89.7662, 91.8249, 105.0883
YIQ	246.7170, 2.4750, 4.7070

Conversions

Conversions Part 2

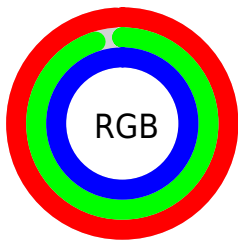
Format	Color
R _Y B	252, 243, 252
Decimal	16577532
CIE Lab	96.75, 4.58, -3.25
CIE LCh	97, 5.617, 324.585
Yxy	91.8249, 0.3131, 0.3203
Android (android.graphics.Color)	4294767612 (0xFFFCF3FC)
YUV	246.7170, 2.6045, 4.6332
Hunter-Lab	95.8253, -0.4810, 2.0564

Details

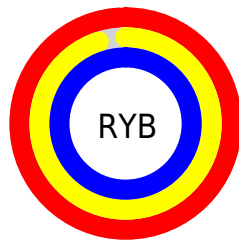
The XYZ color 89.7662, 91.8249, 105.0883 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 87.9537, 95.1491, 98.5287, and the grayscale version is 88.1587, 92.7498, 101.0045.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 50.1263, 51.0829, 58.8478 is the 20% darker color. If you saturate the color by 10%, you get 82.7375, 77.7662, 102.7464, and if you desaturate by 10%, it is 93.4765, 99.2442, 106.3263.

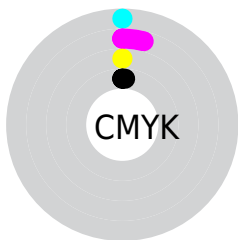
Distribution



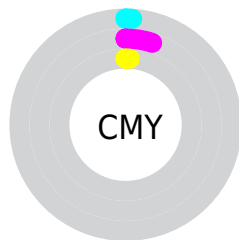
- Red (99%)
- Green (95%)
- Blue (99%)



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



- Cyan (0%)
- Magenta (4%)
- Yellow (0%)
- Black (1%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 89.7662, 91.8249, 105.0883 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 89.7662, 91.8249, 105.0883 by changing the saturation by 10% instead.


 89.7662, 91.8249,
105.0883

 89.7662, 91.8249,
105.0883


515.5193,
533.9495, 597.7714

 68.1224, 69.4952,
79.9163

145.8936,
149.8707, 170.2449

 50.2713, 51.1151,
59.1237


181.1079,
186.3556, 211.0666

 35.8477, 36.3002,
42.2920


221.5764,
228.3276, 257.9418

 24.4862, 24.6662,
29.0027

267.6644,
276.1713, 311.2893

 15.8213, 15.8285,
18.8373

319.7374,
330.2709, 371.5274

 9.4879, 9.4029,
11.3772

378.1606,

 5.1204, 5.0049,

391.0108, 439.0748

6.2038

443.2994,
458.7756, 514.3499

■ 2.3536, 2.2501,
2.8986

■ 0.8219, 0.7471,
1.0431

■ 89.7662, 91.8249,
105.0883

■ 89.7662, 91.8249,
105.0883

■ 82.7375, 77.7662,
102.7464

■ 93.4765, 99.2442,
106.3263

■ 76.6993, 65.6899,
100.7335

■ 93.4765, 99.2442,
106.3265

■ 71.6095, 55.5103,
99.0368

■ 93.4766, 99.2442,
106.3266

■ 67.4199, 47.1312,
97.6401

■ 93.4766, 99.2442,
106.3268

64.0782, 40.4478,
96.5261

93.4766, 99.2442,
106.3269

61.5266, 35.3446,
95.6754

93.4766, 99.2442,
106.3270

59.7000, 31.6915,
95.0664

93.4767, 99.2442,
106.3272

58.5233, 29.3381,
94.6740

93.4767, 99.2442,
106.3273

57.9046, 28.1007,
94.4677

93.4767, 99.2443,
106.3275

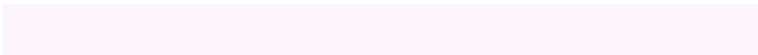
Harmonies

Analogous

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



88.5418, 91.8249, 108.0711



89.7662, 91.8249, 105.0883



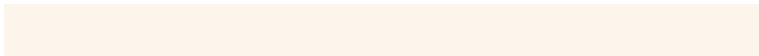
90.3241, 91.8249, 100.8018

Triad

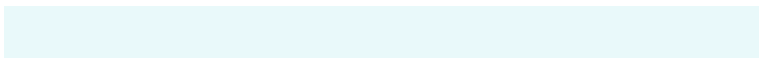
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.7662, 91.8249, 105.0883



87.5627, 91.8249, 91.6000



84.5540, 91.8249, 103.6307

Complementary

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



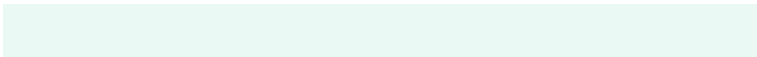
89.7662, 91.8249, 105.0883



87.9537, 95.1491, 98.5287

Split Complementary

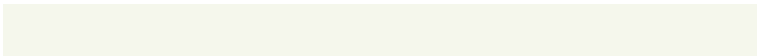
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.2989, 91.8249, 99.1661



89.7662, 91.8249, 105.0883



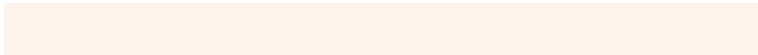
86.0239, 91.8249, 92.3064

Square

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



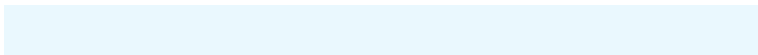
89.7662, 91.8249, 105.0883



89.0421, 91.8249, 93.0840



84.8339, 91.8249, 95.0433



85.5350, 91.8249, 107.2120

Rectangle

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



89.7662, 91.8249, 105.0883



90.2382, 91.8249, 97.8153



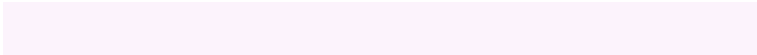
84.8339, 91.8249, 95.0433



84.3810, 91.8249, 102.1798

Sweetspot

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



89.7688, 91.8289, 105.0903



94.2419, 98.3838, 108.6306



86.5875, 90.1888, 104.9415



20.1802, 21.0752, 23.2543



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.



89.7688, 91.8289, 105.0903



91.8819, 93.6639, 107.8439



89.0642, 91.5470, 101.3800



18.7101, 18.9585, 22.0585



30.0645, 14.4415, 49.1757



2.7845, 1.3375, 4.5545

Inverse Universe

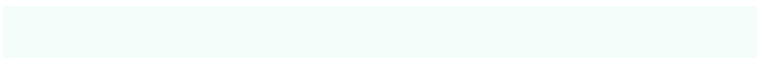
The Inverse Universe completely reimagines the original color for something new.



89.7688, 91.8289, 105.0903



91.8819, 93.6639, 107.8439



88.6415, 95.4242, 102.1507



18.7101, 18.9585, 22.0585



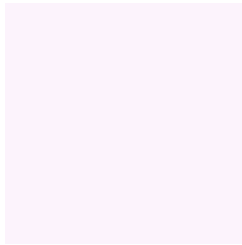
30.0645, 14.4415, 49.1757



2.7845, 1.3375, 4.5545

Previews

White Background



This preview shows how the XYZ color 89.7662, 91.8249, 105.0883 looks on a white background.

Color Contrast Check

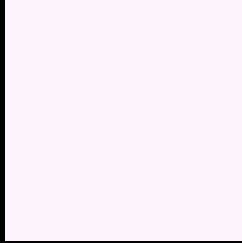
Large Text (above 18pt) WCAG AA × Fail

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 89.7662, 91.8249, 105.0883 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

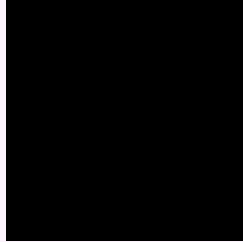
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 89.7662, 91.8249, 105.0883

Background



This preview shows how black text looks on a background with the XYZ color 89.7662, 91.8249, 105.0883.

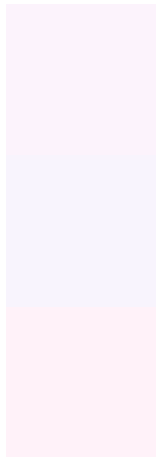


This preview shows how white text looks on a background with the XYZ color 89.7662, 91.8249,

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

89.7662, 91.8249, 105.0883

Protanopia

88.7917, 91.7497, 105.9581

Deuteranopia

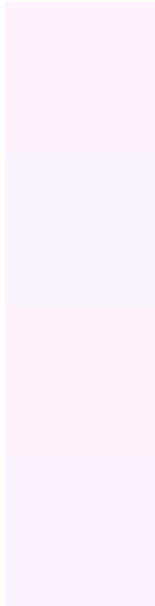
90.0910, 91.6038, 102.5555



Tritanopia

89.5249, 91.6452, 107.5786

Trichromacy



Original Color

89.7662, 91.8249, 105.0883

Protanomaly

89.1472, 91.9330, 105.9748

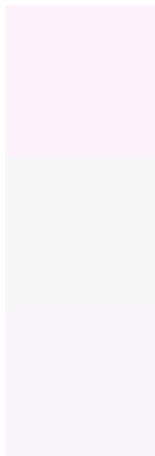
Deuteranomaly

89.8805, 91.4772, 103.3621

Tritanomaly

89.7236, 91.7662, 106.7496

Monochromacy



Original Color

89.7662, 91.8249, 105.0883

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

89.1216, 92.8908, 102.8550

CSS Examples

Text

The CSS property to change the color of the text to XYZ 89.7662, 91.8249, 105.0883 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, 243, 252)` looks like.

```
.text, #text, p{  
    color:rgb(252, 243, 252)  
}
```

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, 243, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 243, 252) }
```

Border

The CSS property to change the border of an element to XYZ 89.7662, 91.8249, 105.0883 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, 243, 252) }
```


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

```
.border{ border-color:rgb(252, 243, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 243, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 243, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 243, 252);  
box-shadow:4px 4px 4px 4px rgb(252, 243,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 89.7662, 91.8249, 105.0883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 243, 252) }
```

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

```
.background{ background-color: rgb(252,  
243, 252) }
```

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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