

Converting Colors

XYZ(87.7976, 90.7736,
102.6365)

Have a look what the booklet for
XYZ(87.7976, 90.7736, 102.6365)
contains.

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Color

**XYZ(87.8609, 90.8972,
102.5367)**

Conversions

Conversions Part 1

Format	Color
Hex	F8F3F9
RGB	248, 243, 249
RGB Percent	97%, 95%, 98%
CMY	0.0274, 0.0470, 0.0235
CMYK	0.00, 0.02, 0.00, 0.02
HSL	290°, 33%, 96%
HSV	290°, 2%, 98%
XYZ	87.8609, 90.8972, 102.5367
YIQ	245.1790, 1.0540, 2.9260

Conversions

Conversions Part 2

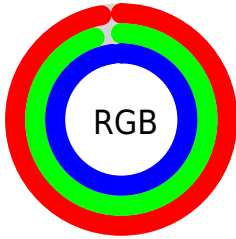
Format	Color
R_{YB}	248, 243, 249
Decimal	16315385
CIE _{Lab}	96.37, 2.72, -2.30
CIE _{LCh}	96, 3.564, 319.837
Yxy	90.8972, 0.3123, 0.3231
Android (android.graphics.Color)	4294505465 (0xFF8F3F9)
YUV	245.1790, 1.8838, 2.4740
Hunter-Lab	95.3400, -2.3478, 2.9726

Details

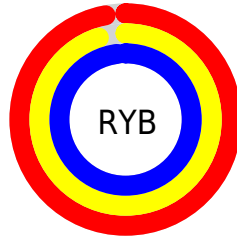
The XYZ color **87.8609, 90.8972, 102.5367** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **87.3650, 93.4580, 98.2332**, and the grayscale version is **86.9221, 91.4488, 99.5877**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.1342, 50.5974, 57.6287** is the 20% darker color. If you saturate the color by 10%, you get **79.4538, 76.2434, 100.1527**, and if you desaturate by 10%, it is **93.0600, 99.0840, 103.8442**.

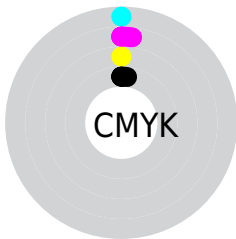
Distribution



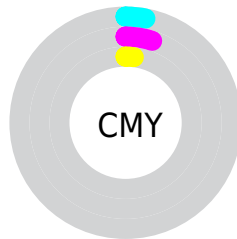
- Red (97%)
- Green (95%)
- Blue (98%)



- Red (97%)
- Yellow (95%)
- Blue (98%)



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



- Cyan (3%)
- Magenta (5%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 87.8609, 90.8972, 102.5367 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 87.8609, 90.8972, 102.5367 by changing the saturation by 10% instead.

87.8609, 90.8972,
102.5367

87.8609, 90.8972,
102.5367

509.3898,
530.9451, 589.6113

66.5383, 68.7250,
77.7921

143.2570,
148.5840, 166.7210

48.9788, 50.4878,
57.3878

178.0612,
184.8674, 206.9978

34.8171, 35.8011,
40.9052

218.0900,
226.6234, 253.2891

23.6879, 24.2807,
27.9259

263.7087,
274.2363, 306.0133

15.2257, 15.5419,
18.0312

315.2826,
328.0905, 365.5892

9.0653, 9.2006,
10.8027

373.1773,

4.8413, 4.8723,

388.5705, 432.4351

5.8219

437.7579,
456.0605, 506.9696

■ 2.1882, 2.1725,
2.6700

■ 0.7365, 0.7049,
0.9283

■ 87.8609, 90.8972,
102.5367

■ 87.8609, 90.8972,
102.5367

■ 79.4538, 76.2434,
100.1527

■ 93.0600, 99.0840,
103.8442

■ 72.0467, 63.5427,
98.0916

■ 94.0991, 99.6197,
103.8929

■ 65.5989, 52.7126,
96.3410

■ 60.0638, 43.6605,
94.8855

■ 55.3909, 36.2854,
93.7083

■ 51.5245, 30.4765,
92.7908

■ 48.4023, 26.1093,
92.1124

■ 45.9523, 23.0402,
91.6492

■ 44.0876, 21.0960,
91.3722

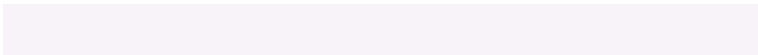
Harmonies

Analogous

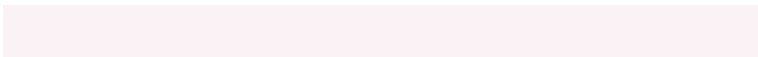
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.0439, 90.8972, 104.1994



87.8609, 90.8972, 102.5367



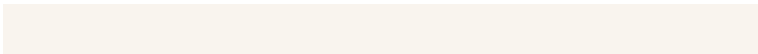
88.2861, 90.8972, 99.9386

Triad

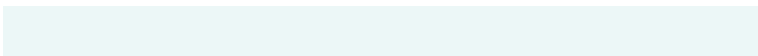
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.8609, 90.8972, 102.5367



86.7320, 90.8972, 93.6916



84.6133, 90.8972, 100.8369

Complementary

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



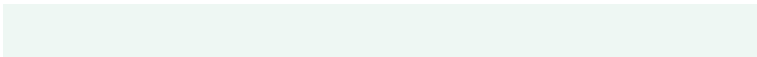
87.8609, 90.8972, 102.5367



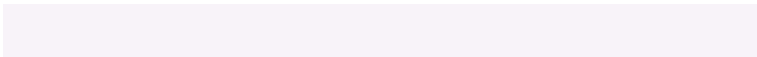
87.3650, 93.4580, 98.2332

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.



84.5312, 90.8972, 98.0109



87.8609, 90.8972, 102.5367



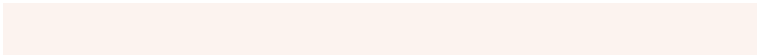
85.7494, 90.8972, 93.9216

Square

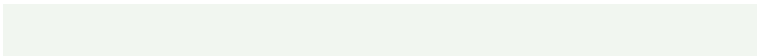
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



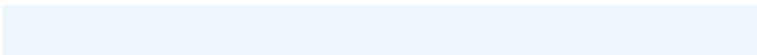
87.8609, 90.8972, 102.5367



87.6311, 90.8972, 94.8555



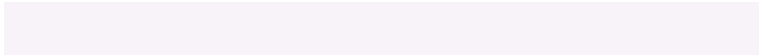
84.9456, 90.8972, 95.4901



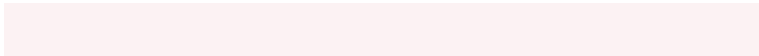
85.1707, 90.8972, 103.2051

Rectangle

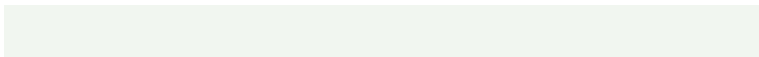
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



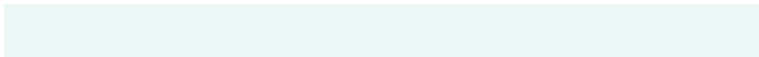
87.8609, 90.8972, 102.5367



88.2880, 90.8972, 98.0413



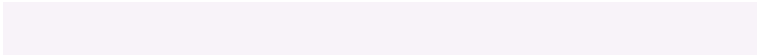
84.9456, 90.8972, 95.4901



84.5293, 90.8972, 99.9078

Sweetspot

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



87.8635, 90.9011, 102.5387



94.0856, 98.3032, 108.6233



86.4456, 90.6600, 102.5669



20.1484, 21.0588, 23.2528



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

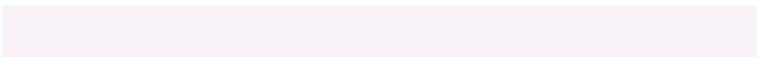
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.8635, 90.9011, 102.5387



92.1901, 94.9746, 108.0807



87.9243, 90.9665, 101.0032



18.7382, 19.1946, 22.1026



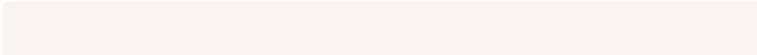
23.1022, 10.8523, 48.8506



2.2126, 1.0427, 4.5278

Inverse Universe

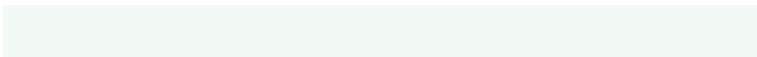
The Inverse Universe completely reimagines the original color for something new.



87.4499, 90.7767, 98.5051



91.6485, 94.8120, 102.7870



87.3072, 93.3949, 99.7352



18.5989, 19.1528, 20.7369



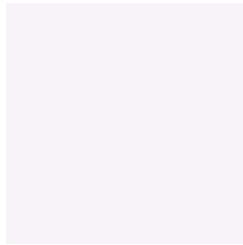
21.1655, 10.8819, 2.3140



1.9927, 1.0208, 0.3851

Previews

White Background



This preview shows how the XYZ color 87.8609, 90.8972, 102.5367 looks on a white background.

Color Contrast Check

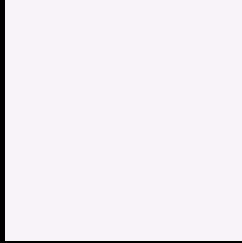
Large Text (above 18pt) WCAG AA × Fail

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 87.8609, 90.8972, 102.5367 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

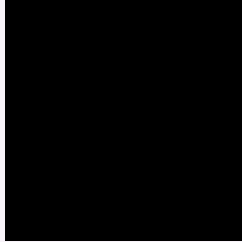
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

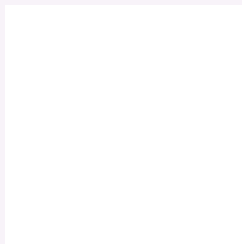
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 87.8609, 90.8972, 102.5367

Background



This preview shows how black text looks on a background with the XYZ color 87.8609, 90.8972, 102.5367.



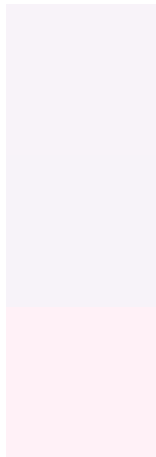
This preview shows how white text looks on a background with the XYZ color 87.8609, 90.8972,

102.5367.

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

87.8609, 90.8972, 102.5367

Protanopia

87.5072, 90.7149, 102.5201

Deuteranopia

89.4838, 90.8860, 100.8221



Tritanopia

88.5135, 90.6807, 107.4457

Trichromacy



Original Color

87.8609, 90.8972, 102.5367

Protanomaly

87.5072, 90.7149, 102.5201

Deuteranomaly

88.8403, 90.9770, 101.6849

Tritanomaly

88.1932, 90.5526, 105.7586

Monochromacy



Original Color

87.8609, 90.8972, 102.5367

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

86.9913, 90.9480, 100.1586

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.8609, 90.8972, 102.5367 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, 243, 249) looks like.

```
.text, #text, p{  
    color:rgb(248, 243, 249)  
}
```

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, 243, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 243, 249) }
```

Border

The CSS property to change the border of an element to XYZ 87.8609, 90.8972, 102.5367 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, 243, 249) }
```


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

```
.border{ border-color:rgb(248, 243, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 243, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 243, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 243, 249);  
box-shadow:4px 4px 4px 4px rgb(248, 243,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 87.8609, 90.8972, 102.5367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 243, 249) }
```

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

```
.background{ background-color: rgb(248,  
243, 249) }
```

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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