

Converting Colors

XYZ(87.9334, 92.0027,
102.5389)

Have a look what the booklet for
XYZ(87.9334, 92.0027, 102.5389)
contains.

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Color

**XYZ(87.7573, 91.7372,
102.7043)**

Conversions

Conversions Part 1

Format	Color
Hex	F6F5F9
RGB	246, 245, 249
RGB Percent	96%, 96%, 98%
CMY	0.0353, 0.0392, 0.0235
CMYK	0.01, 0.02, 0.00, 0.02
HSL	255°, 25%, 97%
HSV	255°, 2%, 98%
XYZ	87.7573, 91.7372, 102.7043
YIQ	245.7550, -0.6880, 1.4560

Conversions

Conversions Part 2

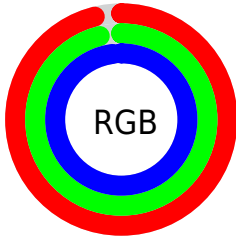
Format	Color
R _{YB}	246, 245, 249
Decimal	16184825
CIE Lab	96.71, 1.04, -1.81
CIE LCh	97, 2.091, 299.990
Yxy	91.7372, 0.3110, 0.3251
Android (android.graphics.Color)	4294374905 (0xFF6F5F9)
YUV	245.7550, 1.5998, 0.2149
Hunter-Lab	95.7795, -4.0649, 3.4691

Details

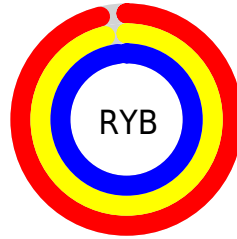
The XYZ color **87.7573, 91.7372, 102.7043** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **89.0721, 94.3029, 99.8986**, and the grayscale version is **87.3896, 91.9407, 100.1234**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.0584, 51.1926, 57.7476** is the 20% darker color. If you saturate the color by 10%, you get **74.4953, 74.4623, 100.0703**, and if you desaturate by 10%, it is **94.0992, 99.6197, 103.8929**.

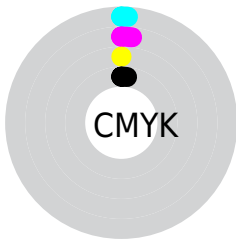
Distribution



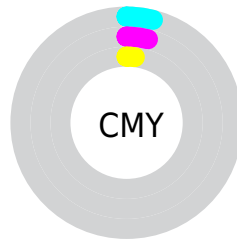
- Red (96%)
- Green (96%)
- Blue (98%)



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



- Cyan (1%)
- Magenta (2%)
- Yellow (0%)
- Black (2%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 87.7573, 91.7372, 102.7043 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 87.7573, 91.7372, 102.7043 by changing the saturation by 10% instead.

87.7573, 91.7372,
102.7043

87.7573, 91.7372,
102.7043

509.0554,
533.6658, 590.1491

66.4522, 69.4224,
77.9315

143.1135,
149.7491, 166.9528

48.9086, 51.0558,
57.5016

177.8953,
186.2150, 207.2655

34.7613, 36.2530,
40.9960

217.9000,
228.1666, 253.5953

23.6447, 24.6296,
27.9963

263.4931,
275.9885, 306.3607

15.1936, 15.8013,
18.0839

315.0398,
330.0650, 365.9802

9.0425, 9.3837,
10.8402

372.9055,

4.8263, 4.9923,

390.7804, 432.8725

5.8466

437.4556,
458.5192, 507.4559

■ 2.1794, 2.2427,
2.6848

■ 0.7318, 0.7431,
0.9357

■ 87.7573, 91.7372,
102.7043

■ 87.7573, 91.7372,
102.7043

■ 74.4953, 74.4623,
100.0703

■ 94.0992, 99.6197,
103.8929

■ 62.8448, 59.4606,
97.7887

■ 52.7452, 46.6400,
95.8464

■ 44.1291, 35.8972,
94.2269

■ 36.9238, 27.1205,
92.9126

■ 31.0504, 20.1878,
91.8840

■ 26.4215, 14.9626,
91.1194

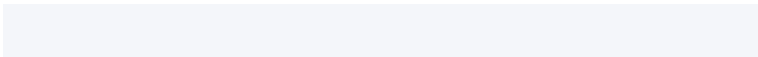
■ 22.9386, 11.2890,
90.5939

■ 20.4864, 8.9813,
90.2778

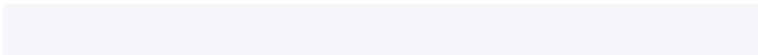
Harmonies

Analogous

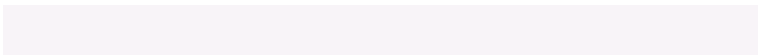
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.1933, 91.7372, 103.1446



87.7573, 91.7372, 102.7043



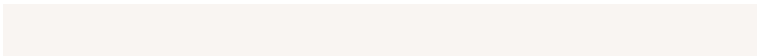
88.1718, 91.7372, 101.5072

Triad

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



87.7573, 91.7372, 102.7043



87.7576, 91.7372, 97.1207



86.0727, 91.7372, 99.8857

Complementary

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



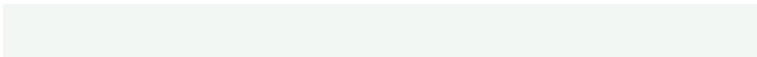
87.7573, 91.7372, 102.7043



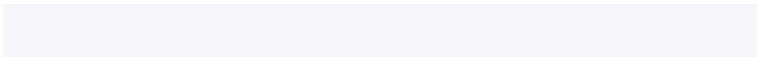
89.0721, 94.3029, 99.8986

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.



86.2224, 91.7372, 98.2826



87.7573, 91.7372, 102.7043



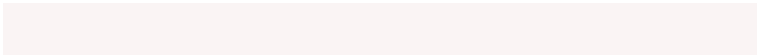
87.1936, 91.7372, 96.6972

Square

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



87.7573, 91.7372, 102.7043



88.1720, 91.7372, 98.2835



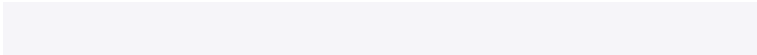
86.6320, 91.7372, 97.1202



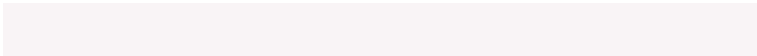
86.2222, 91.7372, 101.5062

Rectangle

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



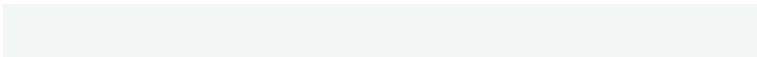
87.7573, 91.7372, 102.7043



88.3066, 91.7372, 100.4476



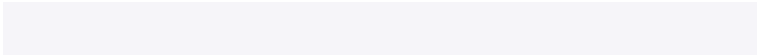
86.6320, 91.7372, 97.1202



86.0897, 91.7372, 99.3270

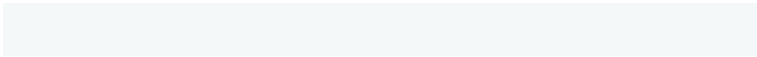
Sweetspot

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



87.7599, 91.7411, 102.7063

95.0500, 100.0000, 108.9000



88.3461, 93.4306, 103.0015



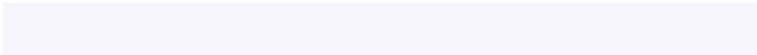
20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

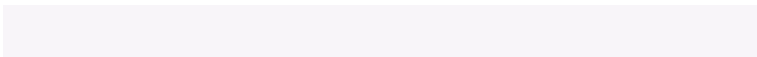
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.7599, 91.7411, 102.7063



92.0498, 96.0701, 108.2996



88.4421, 92.0928, 102.7382



18.8924, 19.7259, 22.1970



10.3260, 4.2660, 48.2527



1.0488, 0.4428, 4.4734

Inverse Universe

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



88.6659, 92.2261, 101.9400



93.2406, 96.7075, 107.2908



88.3896, 93.9511, 99.8666



19.1240, 19.8498, 22.0009



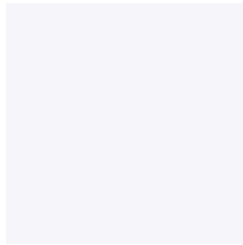
25.7703, 12.7238, 26.5626



2.4290, 1.1953, 2.6823

Previews

White Background



This preview shows how the XYZ color 87.7573, 91.7372, 102.7043 looks on a white background.

Color Contrast Check

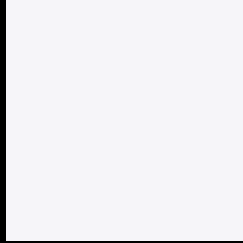
Large Text (above 18pt) WCAG AA × Fail

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 87.7573, 91.7372, 102.7043 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

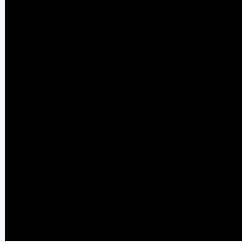
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

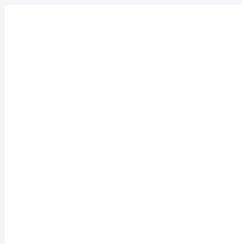
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 87.7573, 91.7372, 102.7043

Background



This preview shows how black text looks on a background with the XYZ color 87.7573, 91.7372, 102.7043.



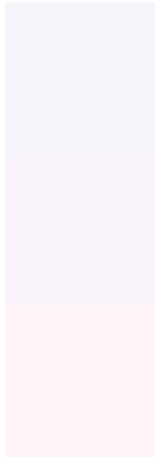
This preview shows how white text looks on a background with the XYZ color 87.7573, 91.7372,

102.7043.

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

87.7573, 91.7372, 102.7043

Protanopia

88.5165, 91.6807, 102.6533

Deuteranopia

89.9354, 91.5416, 101.7361



Tritanopia

88.7585, 91.6955, 107.6287

Trichromacy



Original Color

87.7573, 91.7372, 102.7043

Protanomaly

88.1610, 91.4974, 102.6367

Deuteranomaly

89.1388, 91.5739, 101.7844

Tritanomaly

88.4381, 91.5674, 105.9416

Monochromacy



Original Color

87.7573, 91.7372, 102.7043

Achromatopsia

87.5964, 92.1582, 100.3603

Achromatomaly

87.7503, 92.2198, 101.1709

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.7573, 91.7372, 102.7043 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(246, 245, 249) looks like.

```
.text, #text, p{  
    color:rgb(246, 245, 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(246, 245, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 245, 249) }
```

Border

The CSS property to change the border of an element to XYZ 87.7573, 91.7372, 102.7043 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(246, 245, 249) }
```

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

```
.border{ border-color:rgb(246, 245, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 245, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 245, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 245, 249);  
box-shadow:4px 4px 4px 4px rgb(246, 245,  
249) }
```


Background

The CSS property to change the background color of an element to XYZ 87.7573, 91.7372, 102.7043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 245, 249) }
```

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

```
.background{ background-color: rgb(246,  
245, 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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