

Converting Colors

XYZ(87.3091, 91.4298,
102.6714)

Have a look what the booklet for
XYZ(87.3091, 91.4298, 102.6714)
contains.

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Color

**XYZ(87.4075, 91.5568,
102.6879)**

Conversions

Conversions Part 1

Format	Color
Hex	F5F5F9
RGB	245, 245, 249
RGB Percent	96%, 96%, 98%
CMY	0.0392, 0.0392, 0.0235
CMYK	0.02, 0.02, 0.00, 0.02
HSL	240°, 25%, 97%
HSV	240°, 2%, 98%
XYZ	87.4075, 91.5568, 102.6879
YIQ	245.4560, -1.2840, 1.2440

Conversions

Conversions Part 2

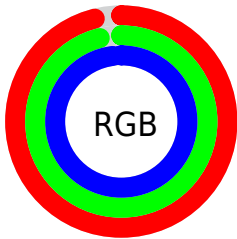
Format	Color
R _Y B	245, 245, 249
Decimal	16119289
CIE Lab	96.64, 0.72, -1.93
CIE LCh	97, 2.056, 290.374
Yxy	91.5568, 0.3103, 0.3251
Android (android.graphics.Color)	4294309369 (0xFF5F5F9)
YUV	245.4560, 1.7472, -0.3999
Hunter-Lab	95.6853, -4.3915, 3.3507

Details

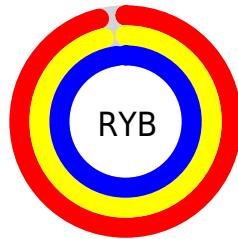
The XYZ color **87.4075, 91.5568, 102.6879** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **89.4243, 94.4828, 99.9115**, and the grayscale version is **87.1476, 91.6860, 99.8461**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.8095, 51.0643, 57.7359** is the 20% darker color. If you saturate the color by 10%, you get **72.2723, 73.3254, 99.9680**, and if you desaturate by 10%, it is **94.0991, 99.6197, 103.8929**.

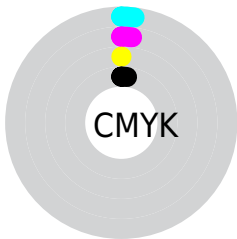
Distribution



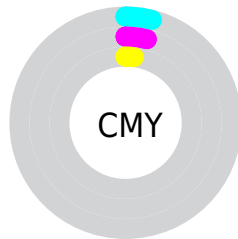
- Red (96%)
- Green (96%)
- Blue (98%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 87.4075, 91.5568, 102.6879 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 87.4075, 91.5568, 102.6879 by changing the saturation by 10% instead.

87.4075, 91.5568,
102.6879

87.4075, 91.5568,
102.6879

507.9255,
533.0821, 590.0965

66.1616, 69.2726,
77.9179

142.6287,
149.4990, 166.9301

48.6718, 50.9337,
57.4905

177.3348,
185.9257, 207.2393

34.5727, 36.1559,
40.9872

217.2584,
227.8354, 253.5653

23.4989, 24.5546,
27.9894

262.7648,
275.6125, 306.3267

15.0850, 15.7455,
18.0787

314.2193,
329.6413, 365.9420

8.9658, 9.3443,
10.8365

371.9873,

4.7758, 4.9664,

390.3062, 432.8297

5.8442

436.4343,
457.9917, 507.4083

■ 2.1497, 2.2276,
2.6833

■ 0.7160, 0.7350,
0.9350

■ 87.4075, 91.5568,
102.6879

■ 87.4075, 91.5568,
102.6879

■ 72.2723, 73.3254,
99.9680

■ 94.0991, 99.6197,
103.8929

■ 59.2287, 57.6122,
97.6225

■ 48.1873, 44.3101,
95.6369

■ 39.0490, 33.2998,
93.9933

■ 31.7062, 24.4520,
92.6725

■ 26.0409, 17.6245,
91.6533

■ 21.9208, 12.6580,
90.9118

■ 19.1937, 9.3694,
90.4208

■ 17.6766, 7.5387,
90.1474

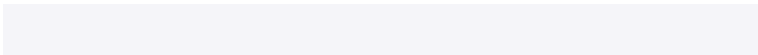
Harmonies

Analogous

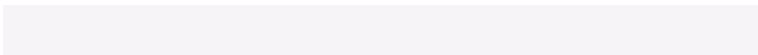
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.8372, 91.5568, 102.8446



87.4075, 91.5568, 102.6879



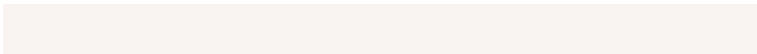
87.8764, 91.5568, 101.7231

Triad

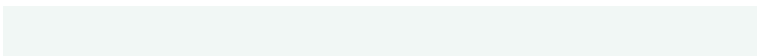
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.4075, 91.5568, 102.6879



87.7291, 91.5568, 97.2706



85.9364, 91.5568, 99.1612

Complementary

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



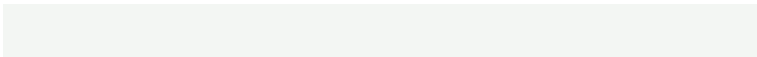
87.4075, 91.5568, 102.6879



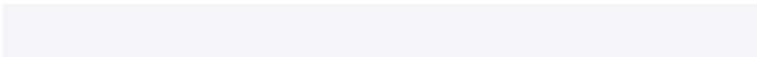
89.4243, 94.4828, 99.9115

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.



86.1731, 91.5568, 97.6838



87.4075, 91.5568, 102.6879



87.2070, 91.5568, 96.6002

Square

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



87.4075, 91.5568, 102.6879



88.0626, 91.5568, 98.5914



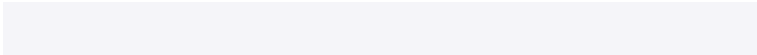
86.6376, 91.5568, 96.7506



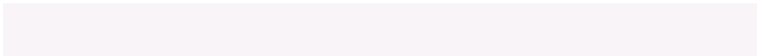
85.9896, 91.5568, 100.7963

Rectangle

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



87.4075, 91.5568, 102.6879



88.0676, 91.5568, 100.7572



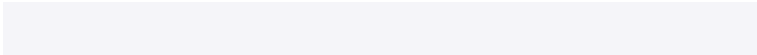
86.6376, 91.5568, 96.7506



85.9847, 91.5568, 98.6299

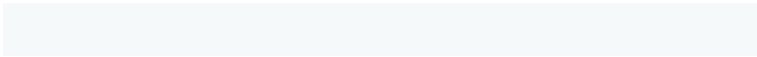
Sweetspot

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



87.4101, 91.5607, 102.6899

95.0500, 100.0000, 108.9000



88.6218, 94.0007, 103.0425



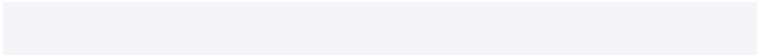
20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

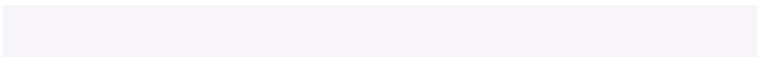
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.4101, 91.5607, 102.6899



91.5946, 95.8376, 108.2787



88.0870, 91.9080, 102.7212



18.8039, 19.6806, 22.1930



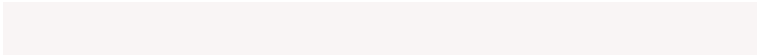
9.1547, 3.6650, 48.1985



0.8483, 0.3403, 4.4642

Inverse Universe

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



88.2028, 92.0389, 99.5072



92.6349, 96.4652, 104.1015



88.7398, 94.1317, 99.8798



19.0062, 19.8027, 21.3806



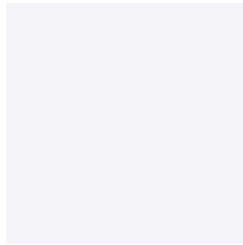
20.9129, 10.7809, 0.9838



1.9371, 0.9986, 0.0923

Previews

White Background



This preview shows how the XYZ color 87.4075, 91.5568, 102.6879 looks on a white background.

Color Contrast Check

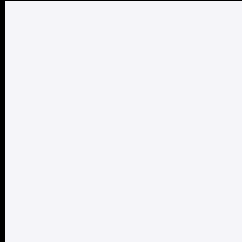
Large Text (above 18pt) WCAG AA × Fail

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 87.4075, 91.5568, 102.6879 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

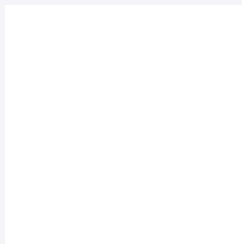
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 87.4075, 91.5568, 102.6879

Background



This preview shows how black text looks on a background with the XYZ color 87.4075, 91.5568, 102.6879.



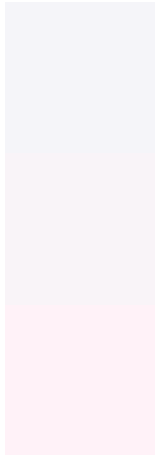
This preview shows how white text looks on a background with the XYZ color 87.4075, 91.5568,

102.6379.

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

87.4075, 91.5568, 102.6879

Protanopia

88.3609, 91.6184, 101.8339

Deuteranopia

89.9354, 91.5416, 101.7361



Tritanopia

88.4067, 91.5142, 107.6122

Trichromacy



Original Color

87.4075, 91.5568, 102.6879

Protanomaly

88.0054, 91.4351, 101.8173

Deuteranomaly

88.7775, 91.3877, 101.7675

Tritanomaly

88.0863, 91.3860, 105.9251

Monochromacy



Original Color

87.4075, 91.5568, 102.6879

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

86.9431, 91.3711, 100.2428

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.4075, 91.5568, 102.6879 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(245, 245, 249) looks like.

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

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

Border

The CSS property to change the border of an element to XYZ 87.4075, 91.5568, 102.6879 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(245, 245, 249) }
```

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

```
.border{ border-color:rgb(245, 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(245, 245, 249) colored shadow looks like.

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


Background

The CSS property to change the background color of an element to XYZ 87.4075, 91.5568, 102.6879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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