

Converting Colors

XYZ(87.3387, 91.6060,
101.7969)

Have a look what the booklet for
XYZ(87.3387, 91.6060, 101.7969)
contains.

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Color

**XYZ(87.2519, 91.4946,
101.8685)**

Conversions

Conversions Part 1

Format	Color
Hex	F5F5F8
RGB	245, 245, 248
RGB Percent	96%, 96%, 97%
CMY	0.0392, 0.0392, 0.0274
CMYK	0.01, 0.01, 0.00, 0.03
HSL	240°, 18%, 97%
HSV	240°, 1%, 97%
XYZ	87.2519, 91.4946, 101.8685
YIQ	245.3420, -0.9630, 0.9330

Conversions

Conversions Part 2

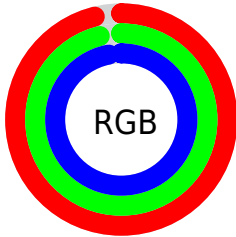
Format	Color
R _Y B	245, 245, 248
Decimal	16119288
CIE Lab	96.61, 0.54, -1.45
CIE LCh	97, 1.545, 290.346
Yxy	91.4946, 0.3109, 0.3261
Android (android.graphics.Color)	4294309368 (0xFF5F5F8)
YUV	245.3420, 1.3104, -0.2999
Hunter-Lab	95.6528, -4.5696, 3.8142

Details

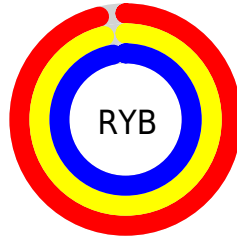
The XYZ color **87.2519, 91.4946, 101.8685** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **88.7604, 93.6828, 99.7921**, and the grayscale version is **87.0590, 91.5928, 99.7446**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.6983, 51.0198, 57.1503** is the 20% darker color. If you saturate the color by 10%, you get **72.1757, 73.3363, 99.1596**, and if you desaturate by 10%, it is **93.9435, 99.5574, 103.0735**.

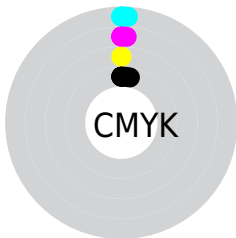
Distribution



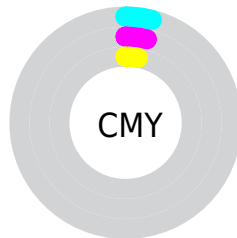
- Red (96%)
- Green (96%)
- Blue (97%)



- Red (96%)
- Yellow (96%)
- Blue (97%)



- Cyan (1%)
- Magenta (1%)
- Yellow (0%)
- Black (3%)



- Cyan (4%)
- Magenta (4%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 87.2519, 91.4946, 101.8685 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 87.2519, 91.4946, 101.8685 by changing the saturation by 10% instead.

87.2519, 91.4946,
101.8685

87.2519, 91.4946,
101.8685

507.4224,
532.8808, 587.4646

66.0324, 69.2209,
77.2364

142.4131,
149.4127, 165.7968

48.5665, 50.8917,
56.9342

177.0854,
185.8260, 205.9300

34.4889, 36.1224,
40.5434

216.9728,
227.7212, 252.0673

23.4341, 24.5287,
27.6455

262.4406,
275.4828, 304.6273

15.0368, 15.7263,
17.8219

313.8541,
329.4952, 364.0285

8.9317, 9.3307,
10.6541

371.5786,

4.7534, 4.9575,

390.1427, 430.6894

5.7235

435.9796,
457.8098, 505.0286

■ 2.1366, 2.2223,
2.6116

■ 0.7090, 0.7321,
0.8984

■ 87.2519, 91.4946,
101.8685

■ 87.2519, 91.4946,
101.8685

■ 72.1757, 73.3363,
99.1596

■ 93.9435, 99.5574,
103.0735

■ 59.1740, 57.6749,
96.8219

■ 48.1585, 44.4048,
94.8411

■ 39.0314, 33.4085,
93.1996

■ 31.6868, 24.5585,
91.8785

■ 26.0083, 17.7145,
90.8568

■ 21.8654, 12.7199,
90.1111

■ 19.1087, 9.3948,
89.6146

■ 17.5589, 7.5234,
89.3350

Harmonies

Analogous

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



86.8237, 91.4946, 101.9850



87.2519, 91.4946, 101.8685



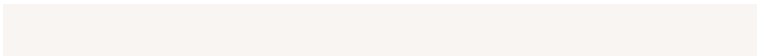
87.6038, 91.4946, 101.1474

Triad

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



87.2519, 91.4946, 101.8685



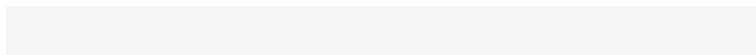
87.4939, 91.4946, 97.8023



86.1468, 91.4946, 99.2238

Complementary

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



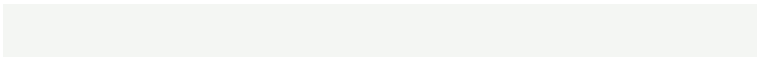
87.2519, 91.4946, 101.8685



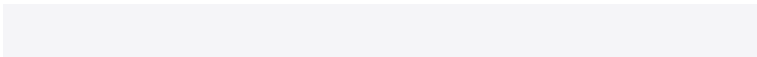
88.7604, 93.6828, 99.7921

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.



86.3251, 91.4946, 98.1122



87.2519, 91.4946, 101.8685



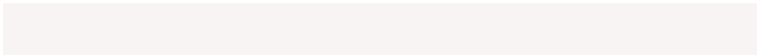
87.1022, 91.4946, 97.2960

Square

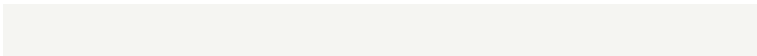
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



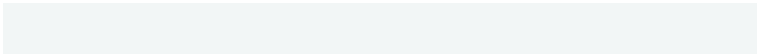
87.2519, 91.4946, 101.8685



87.7438, 91.4946, 98.7975



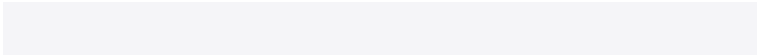
86.6745, 91.4946, 97.4089



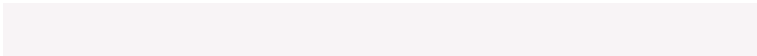
86.1866, 91.4946, 100.4512

Rectangle

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



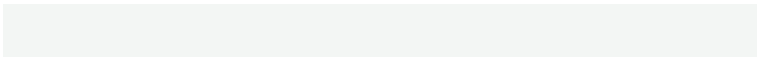
87.2519, 91.4946, 101.8685



87.7472, 91.4946, 100.4241



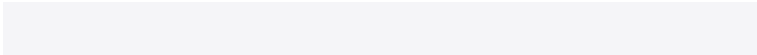
86.6745, 91.4946, 97.4089



86.1832, 91.4946, 98.8243

Sweetspot

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



87.2545, 91.4985, 101.8705

95.0500, 100.0000, 108.9000



88.1605, 93.3230, 102.1342



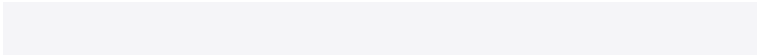
20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

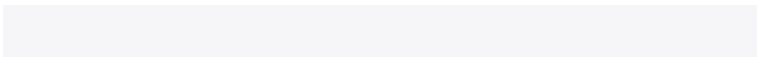
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.2545, 91.4985, 101.8705



93.3110, 97.9055, 108.5874



87.7612, 91.7579, 101.8939



19.1378, 20.0830, 22.2530



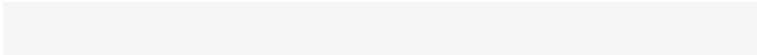
9.1555, 3.6666, 48.1987



0.8486, 0.3408, 4.4642

Inverse Universe

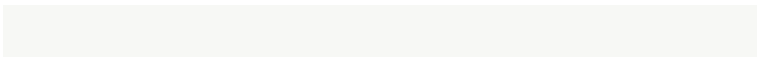
The Inverse Universe completely reimagines the original color for something new.



87.8473, 91.8556, 99.4907



93.8345, 98.2208, 106.4855



88.2495, 93.4213, 99.7685



19.2396, 20.1443, 21.8444



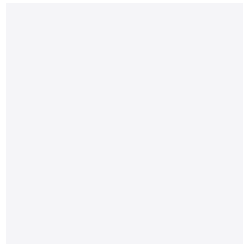
20.9133, 10.7810, 0.9859



1.9372, 0.9986, 0.0930

Previews

White Background



This preview shows how the XYZ color 87.2519, 91.4946, 101.8685 looks on a white background.

Color Contrast Check

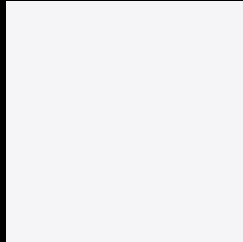
Large Text (above 18pt) WCAG AA × Fail

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 87.2519, 91.4946, 101.8685 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

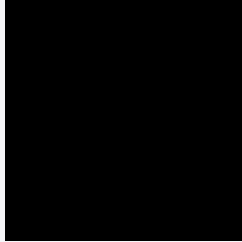
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

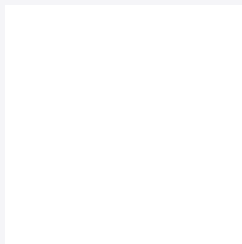
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 87.2519, 91.4946, 101.8685

Background



This preview shows how black text looks on a background with the XYZ color 87.2519, 91.4946, 101.8685.



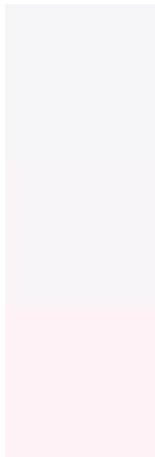
This preview shows how white text looks on a background with the XYZ color 87.2519, 91.4946,

101.8685.

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

87.2519, 91.4946, 101.8685

Protanopia

88.2061, 91.5565, 101.0189

Deuteranopia

89.7806, 91.4797, 100.9211

Tritanopia

88.4067, 91.5142, 107.6122

Trichromacy



Original Color

87.2519, 91.4946, 101.8685

Protanomaly

87.8506, 91.3732, 101.0023

Deuteranomaly

88.6228, 91.3258, 100.9524

Tritanomaly

87.9274, 91.3225, 105.0882

Monochromacy



Original Color

87.2519, 91.4946, 101.8685

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 87.2519, 91.4946, 101.8685 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, 248) looks like.

```
.text, #text, p{  
    color:rgb(245, 245, 248)  
}
```

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, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 245, 248) }
```

Border

The CSS property to change the border of an element to XYZ 87.2519, 91.4946, 101.8685 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, 248) }
```

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

```
.border{ border-color:rgb(245, 245, 248) }
```

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, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 245, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 245, 248);  
box-shadow:4px 4px 4px 4px rgb(245, 245,  
248) }
```


Background

The CSS property to change the background color of an element to XYZ 87.2519, 91.4946, 101.8685 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, 248) }
```

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

```
.background{ background-color: rgb(245,  
245, 248) }
```

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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