

# Converting Colors

XYZ(87.3119, 90.5961,  
103.3275)

Have a look what the booklet for  
XYZ(87.3119, 90.5961, 103.3275)  
contains.

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# **Color**

**XYZ(87.3119, 90.5961,  
103.3275)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F6F3FA
RGB	246, 243, 250
RGB Percent	96%, 95%, 98%
CMY	0.0353, 0.0470, 0.0196
CMYK	0.02, 0.03, 0.00, 0.02
HSL	266°, 41%, 97%
HSV	266°, 3%, 98%
XYZ	87.3119, 90.5961, 103.3275
YIQ	244.6950, -0.4590, 2.8130

# Conversions

## Conversions Part 2

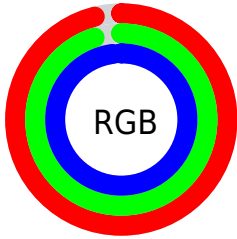
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	246, 243, 250
Decimal	16184314
CIE Lab	96.24, 2.24, -3.02
CIE LCh	96, 3.758, 306.637
Yxy	90.5961, 0.3105, 0.3221
Android (android.graphics.Color)	4294374394 (0xFF6F3FA)
YUV	244.6950, 2.6154, 1.1445
Hunter-Lab	95.1820, -2.8277, 2.2634

# Details

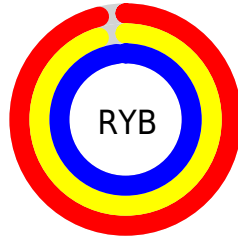
The XYZ color **87.3119, 90.5961, 103.3275** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **88.7245, 94.6189, 98.3856**, and the grayscale version is **86.5282, 91.0344, 99.1364**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.7431, 50.3828, 58.1948** is the 20% darker color. If you saturate the color by 10%, you get **75.5121, 74.1548, 100.7773**, and if you desaturate by 10%, it is **94.2556, 99.6822, 104.7167**.

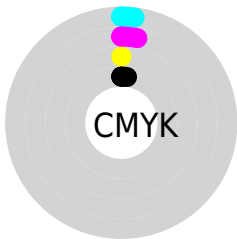
# Distribution



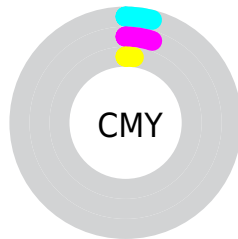
- Red (96%)
- Green (95%)
- Blue (98%)



- Red (96%)
- Yellow (95%)
- Blue (98%)



- Cyan (2%)
- Magenta (3%)
- Yellow (0%)
- Black (2%)



- Cyan (4%)
- Magenta (5%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 87.3119, 90.5961, 103.3275 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 87.3119, 90.5961, 103.3275 by changing the saturation by 10% instead.



87.3119, 90.5961,  
103.3275

87.3119, 90.5961,  
103.3275

507.6164,  
529.9680, 592.1466

66.0822, 68.4752,  
78.4501

142.4962,  
148.1661, 167.8141

48.6071, 50.2844,  
57.9251

177.1816,  
184.3840, 208.2603

34.5212, 35.6394,  
41.3341

217.0830,  
226.0696, 254.7332

23.4590, 24.1558,  
28.2586

262.5656,  
273.6074, 307.6513

15.0554, 15.4493,  
18.2800

313.9949,  
327.3818, 367.4331

8.9448, 9.1353,  
10.9796

371.7362,

4.7620, 4.8295,

387.7770, 434.4973

5.9392

436.1550,  
455.1777, 509.2623

■ 2.1416, 2.1476,  
2.7399

■ 0.7117, 0.6912,  
0.9634

■ 87.3119, 90.5961,  
103.3275

■ 87.3119, 90.5961,  
103.3275

■ 75.5121, 74.1548,  
100.7773

■ 94.2556, 99.6822,  
104.7167

■ 65.0648, 59.8596,  
98.5687

■ 55.9199, 47.6225,  
96.6887

■ 48.0213, 37.3449,  
95.1212

■ 41.3082, 28.9198,  
93.8488

■ 35.7144, 22.2295,  
92.8523

■ 31.1663, 17.1425,  
92.1101

■ 27.5799, 13.5073,  
91.5974

■ 24.8552, 11.1412,  
91.2844

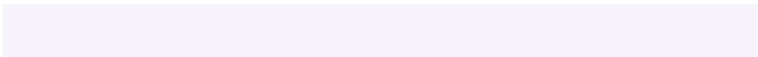
# Harmonies

## Analogous

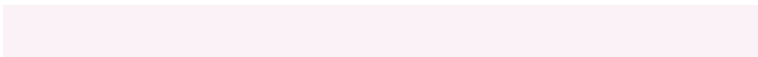
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.3410, 90.5961, 104.4630



87.3119, 90.5961, 103.3275



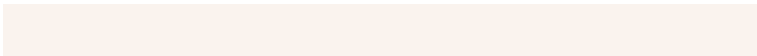
87.9642, 90.5961, 100.9403

# Triad

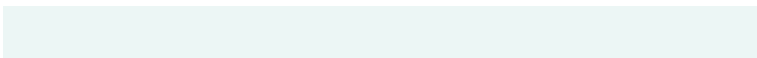
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.3119, 90.5961, 103.3275



86.9071, 90.5961, 93.4615



84.1310, 90.5961, 99.3095

# Complementary

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



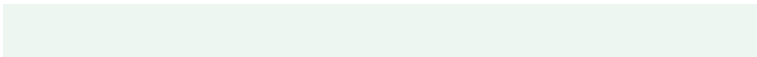
87.3119, 90.5961, 103.3275



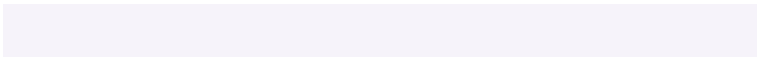
88.7245, 94.6189, 98.3856

# 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.



84.2798, 90.5961, 96.3823



87.3119, 90.5961, 103.3275



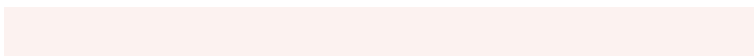
85.8772, 90.5961, 93.0447

# Square

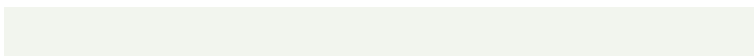
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



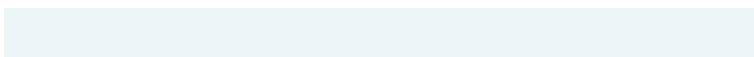
87.3119, 90.5961, 103.3275



87.7291, 90.5961, 95.2539



84.9170, 90.5961, 94.1037



84.5087, 90.5961, 102.1131

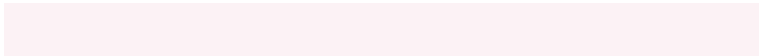


# Rectangle

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



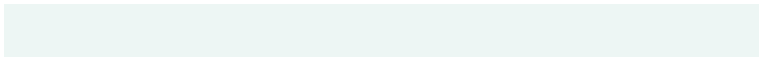
87.3119, 90.5961, 103.3275



88.1277, 90.5961, 98.9812



84.9170, 90.5961, 94.1037



84.1212, 90.5961, 98.3070

# Sweetspot

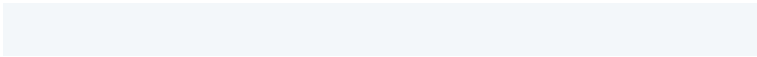
The Sweet Spot groups the original color and five complimentary colors.



87.3145, 90.6000, 103.3295



93.7075, 98.1083, 108.6056



87.5070, 92.5325, 103.6924



20.0714, 21.0192, 23.2492



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

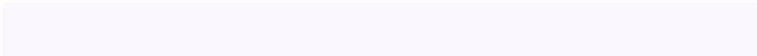


# Same Dimension

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



87.3145, 90.6000, 103.3295



91.0669, 94.3956, 108.0282



88.5243, 91.2236, 103.3861



18.4483, 19.0451, 22.0890



12.5294, 5.4018, 48.3558

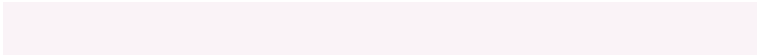


1.2790, 0.5614, 4.4841



# Inverse Universe

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



88.2667, 91.1447, 100.9410



92.1349, 95.0066, 105.3485



87.5304, 94.0033, 98.3297



18.7241, 19.2029, 21.3962



23.6131, 11.8610, 15.2029

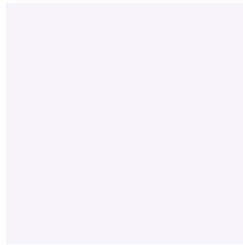


2.2401, 1.1198, 1.6876



# Previews

## White Background



This preview shows how the XYZ color 87.3119, 90.5961, 103.3275 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

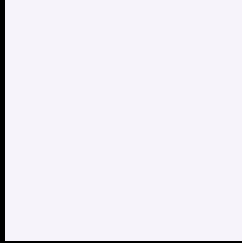
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 87.3119, 90.5961, 103.3275 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

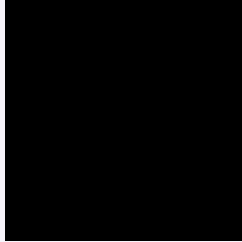
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

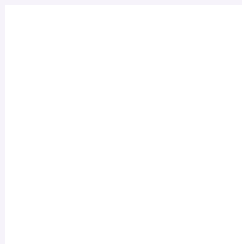
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 87.3119, 90.5961, 103.3275

## Background



This preview shows how black text looks on a background with the XYZ color 87.3119, 90.5961, 103.3275.



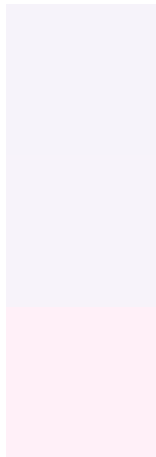
This preview shows how white text looks on a background with the XYZ color 87.3119, 90.5961,

103.3275.

# 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

87.3119, 90.5961, 103.3275

### Protanopia

87.6637, 90.7775, 103.3439

### Deuteranopia

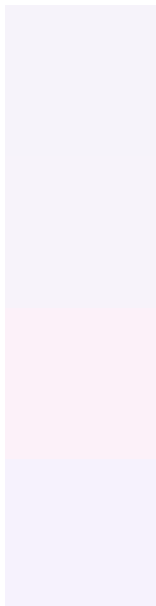
89.3434, 90.3575, 101.5388



## Tritanopia

87.8082, 90.3171, 107.4127

# Trichromacy



## Original Color

87.3119, 90.5961, 103.3275

## Protanomaly

87.6637, 90.7775, 103.3439

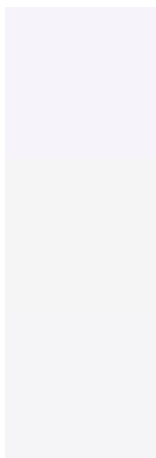
## Deuteranomaly

88.6991, 90.4456, 102.4053

## Tritanomaly

87.4878, 90.1889, 105.7256

# Monochromacy



## Original Color

87.3119, 90.5961, 103.3275

## Achromatopsia

86.7900, 91.3099, 99.4364

## Achromatomaly

86.7954, 90.8292, 100.9529

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 87.3119, 90.5961, 103.3275 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, 243, 250) looks like.

```
.text, #text, p{  
    color:rgb(246, 243, 250)  
}
```

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, 243, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 243, 250) }
```

## Border

The CSS property to change the border of an element to XYZ 87.3119, 90.5961, 103.3275 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, 243, 250) }
```



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

```
.border{ border-color:rgb(246, 243, 250) }
```

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

Here you see how a box with a 4 pixel rgb(246, 243, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 243, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 243, 250);  
box-shadow:4px 4px 4px 4px rgb(246, 243,  
250) }
```

# Background

The CSS property to change the background color of an element to XYZ 87.3119, 90.5961, 103.3275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 243, 250) }
```

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

```
.background{ background-color: rgb(246,  
243, 250) }
```

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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