

Converting Colors

XYZ(87.0981, 90.1145, 99.9921)

Have a look what the booklet for
XYZ(87.0981, 90.1145, 99.9921)
contains.

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Color

**XYZ(87.0981, 90.1145,
99.9921)**

Conversions

Conversions Part 1

Format	Color
Hex	F8F2F6
RGB	248, 242, 246
RGB Percent	97%, 95%, 96%
CMY	0.0274, 0.0510, 0.0353
CMYK	0.00, 0.02, 0.01, 0.03
HSL	320°, 30%, 96%
HSV	320°, 2%, 97%
XYZ	87.0981, 90.1145, 99.9921
YIQ	244.2500, 2.2920, 2.5160

Conversions

Conversions Part 2

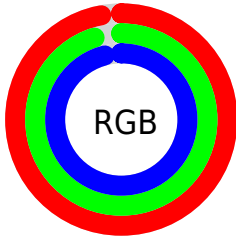
Format	Color
R_{YB}	248, 242, 246
Decimal	16315126
CIE _{Lab}	96.04, 2.70, -1.22
CIE _{LCh}	96, 2.967, 335.697
Yxy	90.1145, 0.3142, 0.3251
Android (android.graphics.Color)	4294505206 (0xFF8F2F6)
YUV	244.2500, 0.8627, 3.2887
Hunter-Lab	94.9287, -2.3494, 3.9976

Details

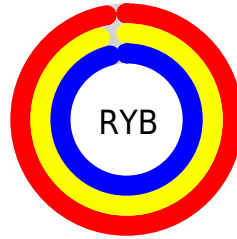
The XYZ color **87.0981, 90.1145, 99.9921** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **86.5179, 92.5461, 98.8957**, and the grayscale version is **86.1834, 90.6717, 98.7414**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.5914, 50.0420, 55.8132** is the 20% darker color. If you saturate the color by 10%, you get **78.9708, 75.8457, 91.1582**, and if you desaturate by 10%, it is **92.4053, 98.6501, 108.1672**.

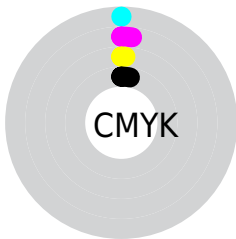
Distribution



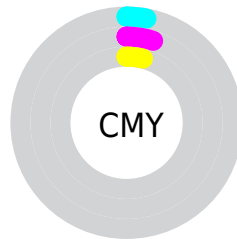
- Red (97%)
- Green (95%)
- Blue (96%)



- Red (97%)
- Yellow (95%)
- Blue (96%)



- Cyan (0%)
- Magenta (2%)
- Yellow (1%)
- Black (3%)





- Cyan (3%)
- Magenta (5%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 87.0981, 90.1145, 99.9921 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 87.0981, 90.1145, 99.9921 by changing the saturation by 10% instead.


 87.0981, 90.1145,
99.9921

 87.0981, 90.1145,
99.9921


506.9249,
528.4032, 581.4138

 65.9047, 68.0756,
75.6771


142.1998,
147.4974, 163.1981

 48.4625, 49.9593,
55.6627


176.8389,
183.6103, 202.9262

 34.4060, 35.3810,
39.5304


216.6905,
225.1832, 248.6290

 23.3701, 23.9565,
26.8616

262.1201,
272.6006, 300.7252

 14.9892, 15.3014,
17.2378

313.4929,
326.2470, 359.6332

 8.8981, 9.0312,
10.2404

371.1744,

 4.7313, 4.7615,

386.5066, 425.7716

5.4510

435.5300,
453.7639, 499.5590

■ 2.1236, 2.1080,
2.4509

■ 0.7020, 0.6691,
0.8140

■ 87.0981, 90.1145,
99.9921

■ 87.0981, 90.1145,
99.9921

■ 78.9708, 75.8457,
91.1582

■ 92.4053, 98.6501,
108.1672

■ 71.8576, 63.5171,
82.9367

■ 92.5220, 98.6968,
108.7817

■ 65.7177, 53.0468,
75.3114

■ 60.5044, 44.3429,
68.2630

■ 56.1671, 37.3052,
61.7708

■ 52.6502, 31.8238,
55.8124

■ 49.8912, 27.7751,
50.3630

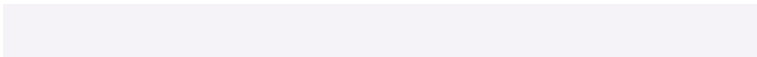
■ 47.8183, 25.0169,
45.3946

■ 46.3450, 23.3773,
40.8741

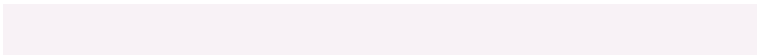
Harmonies

Analogous

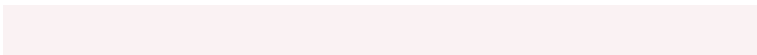
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.5757, 90.1145, 101.8374



87.0981, 90.1145, 99.9921



87.2318, 90.1145, 97.6712

Triad

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



87.0981, 90.1145, 99.9921



85.4945, 90.1145, 93.6885



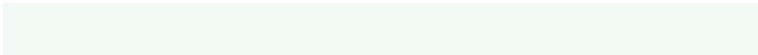
84.3753, 90.1145, 100.7814

Complementary

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



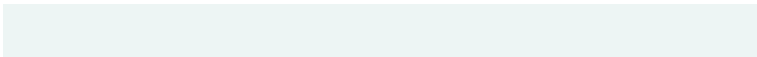
87.0981, 90.1145, 99.9921



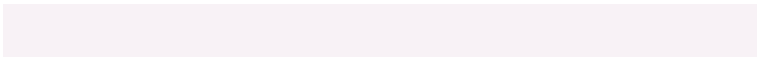
86.5179, 92.5461, 98.8957

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.



84.0897, 90.1145, 98.5689



87.0981, 90.1145, 99.9921



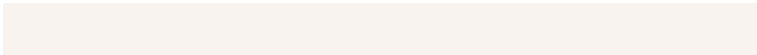
84.7332, 90.1145, 94.4929

Square

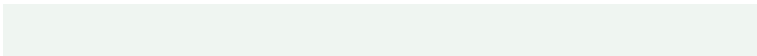
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87.0981, 90.1145, 99.9921



86.3026, 90.1145, 94.0559



84.2203, 90.1145, 96.2702



85.0030, 90.1145, 102.2982

Rectangle

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



87.0981, 90.1145, 99.9921



87.0817, 90.1145, 96.1718



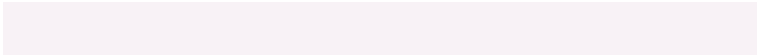
84.2203, 90.1145, 96.2702



84.2363, 90.1145, 100.0931

Sweetspot

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



87.1007, 90.1184, 99.9941



94.1052, 98.3291, 107.9110



86.0071, 89.5190, 101.5541



20.1524, 21.0641, 23.1078



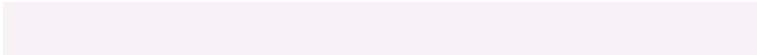
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

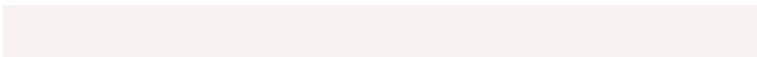
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.1007, 90.1184, 99.9941



92.2497, 95.0525, 105.9533



86.6443, 89.9358, 97.5907



18.7537, 19.2148, 21.5523



24.6622, 12.2806, 20.7276



2.3333, 1.1571, 2.1787

Inverse Universe

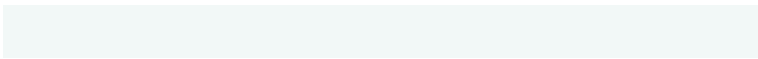
The Inverse Universe completely reimagines the original color for something new.



87.1007, 90.1184, 99.9941



92.2497, 95.0525, 105.9533



86.9767, 92.7297, 101.3121



18.7537, 19.2148, 21.5523



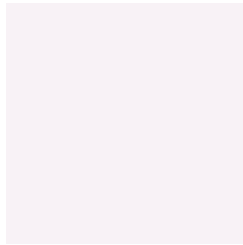
24.6622, 12.2806, 20.7276



2.3333, 1.1571, 2.1787

Previews

White Background



This preview shows how the XYZ color 87.0981, 90.1145, 99.9921 looks on a white background.

Color Contrast Check

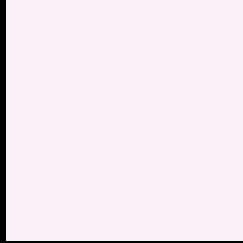
Large Text (above 18pt) WCAG AA × Fail

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 87.0981, 90.1145, 99.9921 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

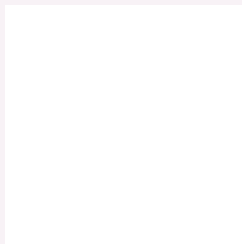
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 87.0981, 90.1145, 99.9921

Background



This preview shows how black text looks on a background with the XYZ color 87.0981, 90.1145, 99.9921.

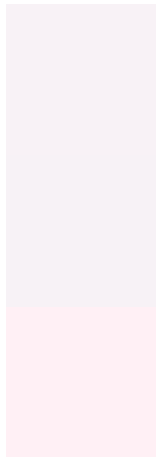


This preview shows how white text looks on a background with the XYZ color 87.0981, 90.1145, 99.9921.

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

87.0981, 90.1145, 99.9921

Protanopia

86.7445, 89.9322, 99.9755

Deuteranopia

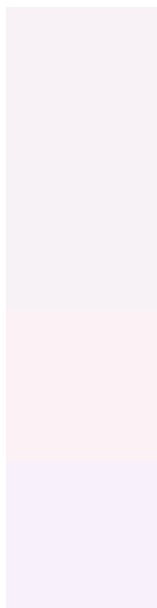
88.8815, 90.1727, 99.1067



Tritanopia

88.2167, 90.0871, 107.3468

Trichromacy



Original Color

87.0981, 90.1145, 99.9921

Protanomaly

86.7445, 89.9322, 99.9755

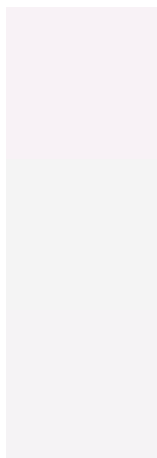
Deuteranomaly

88.0816, 90.1986, 99.1539

Tritanomaly

87.7374, 89.8953, 104.8227

Monochromacy



Original Color

87.0981, 90.1145, 99.9921

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

86.1882, 90.1062, 99.2358

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.0981, 90.1145, 99.9921 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, 242, 246) looks like.

```
.text, #text, p{  
    color:rgb(248, 242, 246)  
}
```

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, 242, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 242, 246) }
```

Border

The CSS property to change the border of an element to XYZ 87.0981, 90.1145, 99.9921 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, 242, 246) }
```


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

```
.border{ border-color:rgb(248, 242, 246) }
```

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

Here you see how a box with a 4 pixel rgb(248, 242, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 242, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 242, 246);  
box-shadow:4px 4px 4px 4px rgb(248, 242,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 87.0981, 90.1145, 99.9921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 242, 246) }
```

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

```
.background{ background-color: rgb(248,  
242, 246) }
```

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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