

Converting Colors

XYZ(87.2083, 90.4587, 99.9868)

Have a look what the booklet for
XYZ(87.2083, 90.4587, 99.9868)
contains.

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Color

**XYZ(87.3965, 90.7115,
100.0915)**

Conversions

Conversions Part 1

Format	Color
Hex	F8F3F6
RGB	248, 243, 246
RGB Percent	97%, 95%, 96%
CMY	0.0274, 0.0470, 0.0353
CMYK	0.00, 0.02, 0.01, 0.03
HSL	324°, 26%, 96%
HSV	324°, 2%, 97%
XYZ	87.3965, 90.7115, 100.0915
YIQ	244.8370, 2.0170, 1.9930

Conversions

Conversions Part 2

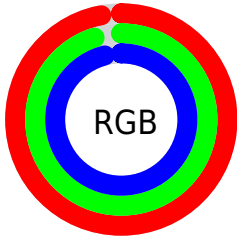
Format	Color
R_{YB}	248, 243, 246
Decimal	16315382
CIE Lab	96.29, 2.19, -0.86
CIE LCh	96, 2.357, 338.598
Yxy	90.7115, 0.3142, 0.3261
Android (android.graphics.Color)	4294505462 (0xFFF8F3F6)
YUV	244.8370, 0.5734, 2.7740
Hunter-Lab	95.2426, -2.8794, 4.3613

Details

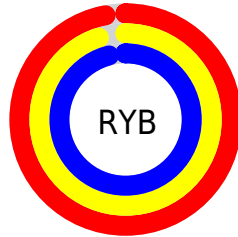
The XYZ color **87.3965, 90.7115, 100.0915** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **87.0144, 92.7843, 99.7138**, and the grayscale version is **86.6567, 91.1696, 99.2837**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.8028, 50.4648, 55.8837** is the 20% darker color. If you saturate the color by 10%, you get **78.9877, 76.2668, 89.9707**, and if you desaturate by 10%, it is **92.5219, 98.6967, 108.7817**.

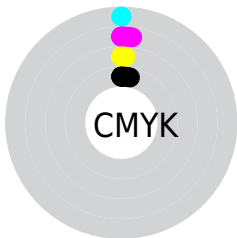
Distribution



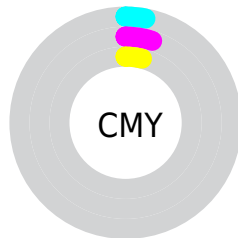
- Red (97%)
- Green (95%)
- Blue (96%)



- 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 87.3965, 90.7115, 100.0915 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 87.3965, 90.7115, 100.0915 by changing the saturation by 10% instead.

87.3965, 90.7115,
100.0915

87.3965, 90.7115,
100.0915

507.8899,
530.3426, 581.7352

66.1525, 68.5709,
75.7596

142.6135,
148.3263, 163.3359

48.6644, 50.3623,
55.7300

177.3172,
184.5693, 203.0855

34.5668, 35.7014,
39.5839

217.2382,
226.2819, 248.8115

23.4943, 24.2037,
26.9030

262.7418,
273.8485, 300.9323

15.0816, 15.4848,
17.2686

314.1935,
327.6535, 359.8665

8.9634, 9.1603,
10.2622

371.9585,

4.7742, 4.8459,

388.0812, 426.0327

5.4653

436.4021,
455.5161, 499.8494

■ 2.1488, 2.1571,
2.4593

■ 0.7155, 0.6965,
0.8185

■ 87.3965, 90.7115,
100.0915

■ 87.3965, 90.7115,
100.0915

■ 78.9877, 76.2668,
89.9707

■ 92.5219, 98.6967,
108.7817

■ 71.6191, 63.7753,
80.5913

■ 65.2494, 53.1552,
71.9341

■ 59.8315, 44.3146,
63.9770

■ 55.3143, 37.1536,
56.6963

■ 51.6419, 31.5623,
50.0664

■ 48.7516, 27.4176,
44.0594

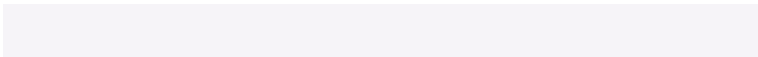
■ 46.5713, 24.5779,
38.6439

■ 45.0145, 22.8725,
33.7836

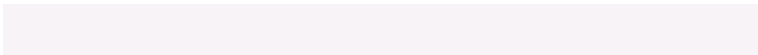
Harmonies

Analogous

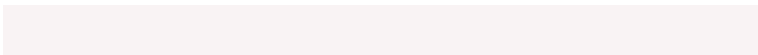
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.0067, 90.7115, 101.6153



87.3965, 90.7115, 100.0915



87.4699, 90.7115, 98.2311

Triad

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



87.3965, 90.7115, 100.0915



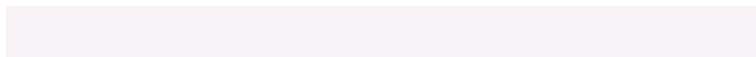
86.0304, 90.7115, 95.2457



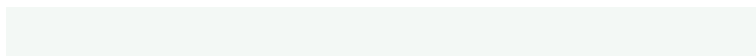
85.2380, 90.7115, 101.0368

Complementary

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



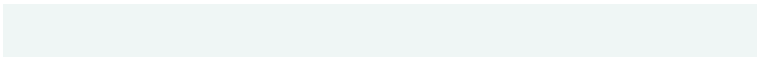
87.3965, 90.7115, 100.0915



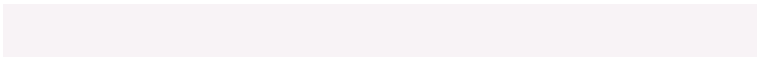
87.0144, 92.7843, 99.7138

Split Complementary

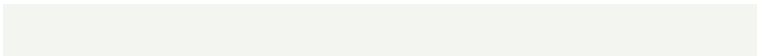
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.9792, 90.7115, 99.3096



87.3965, 90.7115, 100.0915



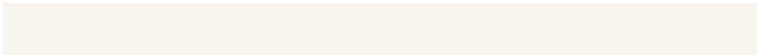
85.4352, 90.7115, 95.9771

Square

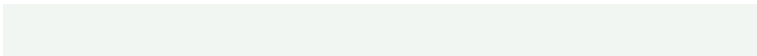
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87.3965, 90.7115, 100.0915



86.6790, 90.7115, 95.4490



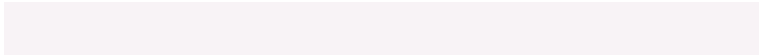
85.0513, 90.7115, 97.4590



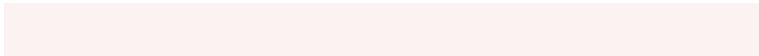
85.7598, 90.7115, 102.1659

Rectangle

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



87.3965, 90.7115, 100.0915



87.3291, 90.7115, 97.0529



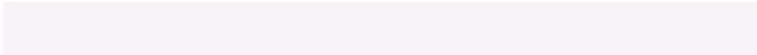
85.0513, 90.7115, 97.4590



85.1175, 90.7115, 100.5060

Sweetspot

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



87.3991, 90.7154, 100.0935



94.0779, 98.3182, 107.7673



86.6535, 90.2954, 101.6697



20.1468, 21.0619, 23.0786



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.



87.3991, 90.7154, 100.0935



93.1175, 96.6583, 106.6428



87.0184, 90.5631, 98.0889



19.1001, 19.8403, 21.8749



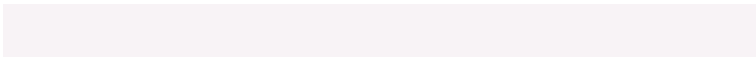
23.9015, 11.9763, 16.7216



2.2660, 1.1302, 1.8244

Inverse Universe

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



87.3991, 90.7154, 100.0935



93.1175, 96.6583, 106.6428



87.3981, 92.9378, 101.7347



19.1001, 19.8403, 21.8749



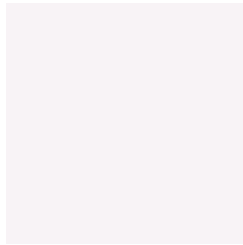
23.9015, 11.9763, 16.7216



2.2660, 1.1302, 1.8244

Previews

White Background



This preview shows how the XYZ color 87.3965, 90.7115, 100.0915 looks on a white background.

Color Contrast Check

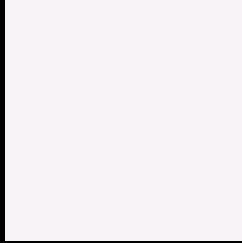
Large Text (above 18pt) WCAG AA × Fail

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 87.3965, 90.7115, 100.0915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

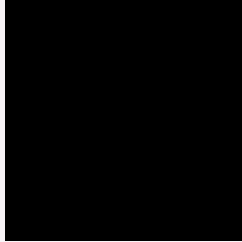
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

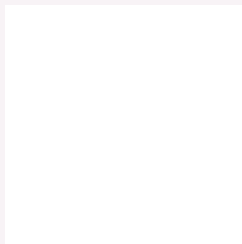
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 87.3965, 90.7115, 100.0915

Background



This preview shows how black text looks on a background with the XYZ color 87.3965, 90.7115, 100.0915.



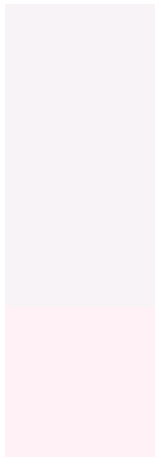
This preview shows how white text looks on a background with the XYZ color 87.3965, 90.7115,

100.0915.

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

87.3965, 90.7115, 100.0915

Protanopia

87.3965, 90.7115, 100.0915

Deuteranopia

89.3298, 90.8244, 100.0115



Tritanopia

88.5135, 90.6807, 107.4457

Trichromacy



Original Color

87.3965, 90.7115, 100.0915

Protanomaly

87.3965, 90.7115, 100.0915

Deuteranomaly

88.5316, 90.8535, 100.0591

Tritanomaly

88.0342, 90.4890, 104.9217

Monochromacy



Original Color

87.3965, 90.7115, 100.0915

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

86.8382, 90.8868, 99.3522

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.3965, 90.7115, 100.0915 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, 243, 246) looks like.

```
.text, #text, p{  
    color:rgb(248, 243, 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, 243, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 243, 246) }
```

Border

The CSS property to change the border of an element to XYZ 87.3965, 90.7115, 100.0915 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, 243, 246) }
```


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

```
.border{ border-color:rgb(248, 243, 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, 243, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 243, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 243, 246);  
box-shadow:4px 4px 4px 4px rgb(248, 243,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 87.3965, 90.7115, 100.0915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 243, 246) }
```

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

```
.background{ background-color: rgb(248,  
243, 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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