

Converting Colors

XYZ(87.9829, 93.3266, 97.3978)

Have a look what the booklet for
XYZ(87.9829, 93.3266, 97.3978)
contains.

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Color

**XYZ(87.9522, 93.3198,
97.3813)**

Conversions

Conversions Part 1

Format	Color
Hex	F7F8F2
RGB	247, 248, 242
RGB Percent	97%, 97%, 95%
CMY	0.0314, 0.0274, 0.0510
CMYK	0.00, 0.00, 0.02, 0.03
HSL	70°, 30%, 96%
HSV	70°, 2%, 97%
XYZ	87.9522, 93.3198, 97.3813
YIQ	247.0170, 1.3300, -2.0780

Conversions

Conversions Part 2

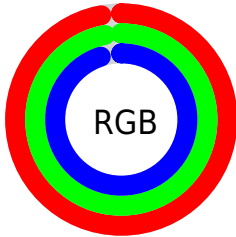
Format	Color
R _Y B	242, 248, 243
Decimal	16251122
CIE Lab	97.36, -1.37, 2.75
CIE LCh	97, 3.073, 116.532
Yxy	93.3198, 0.3156, 0.3349
Android (android.graphics.Color)	4294441202 (0xFF7F8F2)
YUV	247.0170, -2.4734, -0.0149
Hunter-Lab	96.6022, -6.5371, 7.8533

Details

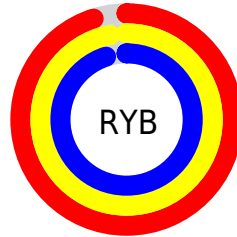
The XYZ color 87.9522, 93.3198, 97.3813 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 85.6611, 89.3387, 101.5411, and the grayscale version is 88.4429, 93.0489, 101.3302.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.1984, 52.3208, 53.9603 is the 20% darker color. If you saturate the color by 10%, you get 83.0311, 91.1872, 79.0076, and if you desaturate by 10%, it is 91.4571, 94.8957, 108.1041.

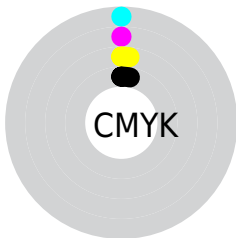
Distribution



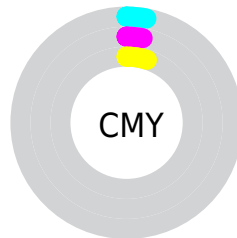
- Red (97%)
- Green (97%)
- Blue (95%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 87.9522, 93.3198, 97.3813 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 87.9522, 93.3198, 97.3813 by changing the saturation by 10% instead.

87.9522, 93.3198,
97.3813

87.9522, 93.3198,
97.3813

509.6844,
538.7719, 572.9386

66.6141, 70.7373,
73.5107

143.3835,
151.9413, 159.5742

49.0407, 52.1279,
53.8993

178.2074,
188.7491, 198.7335

34.8664, 37.1070,
38.1285

218.2573,
231.0675, 243.8262

23.7260, 25.2904,
25.7799

263.8986,
279.2809, 295.2708

15.2541, 16.2935,
16.4347

315.4966,
333.7736, 353.4857

9.0854, 9.7321,
9.6746

373.4167,

4.8545, 5.2217,

394.9301, 418.8897

5.0810

438.0242,
463.1347, 491.9011

■ 2.1960, 2.3779,
2.2353

■ 0.7406, 0.8145,
0.6946

■ 87.9522, 93.3198,
97.3813

■ 87.9522, 93.3198,
97.3813

■ 83.0311, 91.1872,
79.0076

■ 91.4571, 94.8957,
108.1041

■ 78.6248, 89.2612,
63.1873

■ 92.8592, 95.6185,
108.1697

■ 74.7140, 87.5372,
49.8092

■ 71.2755, 86.0058,
38.7511

■ 68.2838, 84.6568,
29.8806

■ 65.7111, 83.4790,
23.0517

■ 63.5260, 82.4598,
18.1008

■ 61.6925, 81.5849,
14.8393

■ 60.1670, 80.8368,
13.0389

Harmonies

Analogous

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



88.7989, 93.3198, 96.9000



87.9522, 93.3198, 97.3813



87.3089, 93.3198, 98.9891

Triad

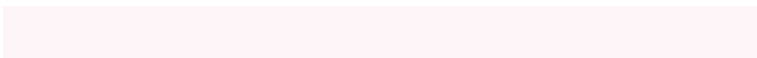
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.9522, 93.3198, 97.3813



87.7780, 93.3198, 105.6603



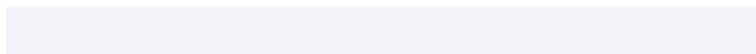
90.3787, 93.3198, 101.8996

Complementary

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



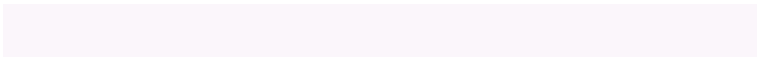
87.9522, 93.3198, 97.3813



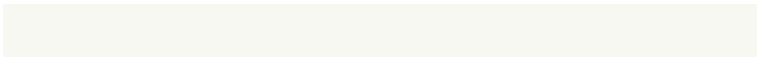
85.6611, 89.3387, 101.5411

Split Complementary

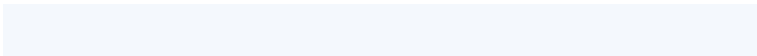
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.1011, 93.3198, 104.2755



87.9522, 93.3198, 97.3813



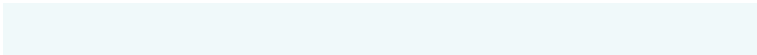
88.5965, 93.3198, 106.4690

Square

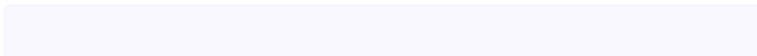
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



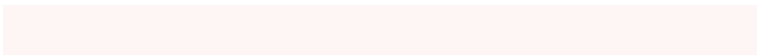
87.9522, 93.3198, 97.3813



87.2088, 93.3198, 103.7655



89.4473, 93.3198, 105.9581



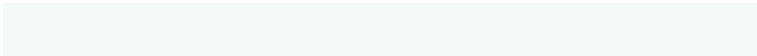
90.2034, 93.3198, 99.4834

Rectangle

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



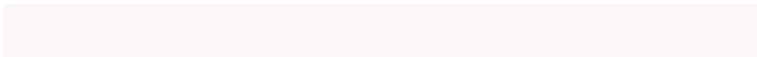
87.9522, 93.3198, 97.3813



87.0801, 93.3198, 100.4972



89.4473, 93.3198, 105.9581



90.3352, 93.3198, 102.7298

Sweetspot

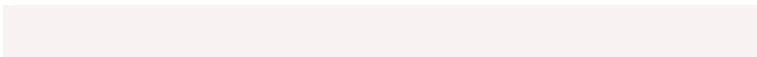
The Sweet Spot groups the original color and five complimentary colors.



87.9548, 93.3238, 97.3833



94.4853, 99.7560, 106.7447



86.7921, 90.4711, 96.8940



20.2297, 21.3545, 22.8705



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.



87.9548, 93.3238, 97.3833



93.3733, 99.2751, 102.5198



86.9058, 92.7830, 97.3342



19.0432, 20.3031, 20.6692



32.0636, 43.4477, 6.6963



3.0428, 4.0617, 0.6236

Inverse Universe

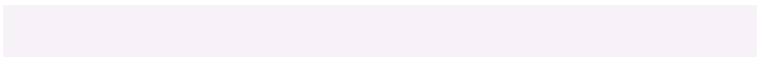
The Inverse Universe completely reimagines the original color for something new.



85.6611, 89.3387, 101.5411



90.3530, 94.0276, 107.9948



86.7045, 89.8766, 101.5899



18.2647, 18.9504, 22.0804



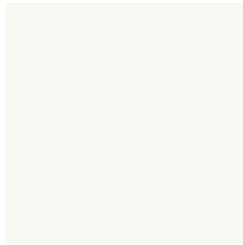
9.7351, 3.9613, 48.2251



0.9759, 0.4051, 4.4699

Previews

White Background



This preview shows how the XYZ color 87.9522, 93.3198, 97.3813 looks on a white background.

Color Contrast Check

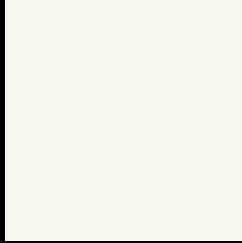
Large Text (above 18pt) WCAG AA × Fail

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 87.9522, 93.3198, 97.3813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

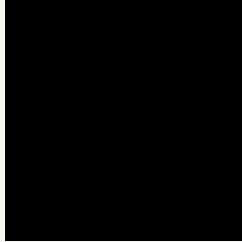
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

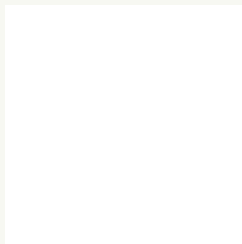
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 87.9522, 93.3198, 97.3813

Background



This preview shows how black text looks on a background with the XYZ color 87.9522, 93.3198, 97.3813.

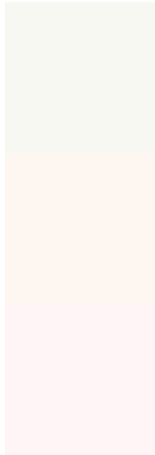


This preview shows how white text looks on a background with the XYZ color 87.9522, 93.3198,

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

87.9522, 93.3198, 97.3813

Protanopia

89.3410, 93.1451, 96.4891

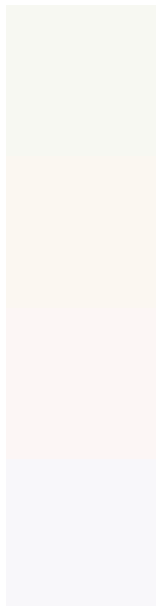
Deuteranopia

90.5270, 93.2186, 100.4105

Tritanopia

90.0727, 93.2713, 107.8636

Trichromacy



Original Color

87.9522, 93.3198, 97.3813

Protanomaly

88.9216, 93.3816, 96.5569

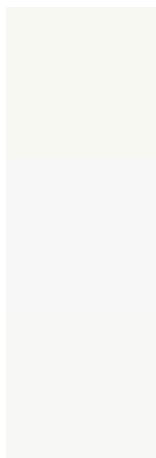
Deuteranomaly

89.5821, 93.1996, 99.6540

Tritanomaly

89.2275, 93.3801, 103.7639

Monochromacy



Original Color

87.9522, 93.3198, 97.3813

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

88.1000, 92.8883, 99.6721

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.9522, 93.3198, 97.3813 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(247, 248, 242) looks like.

```
.text, #text, p{  
    color:rgb(247, 248, 242)  
}
```

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(247, 248, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 248, 242) }
```

Border

The CSS property to change the border of an element to XYZ 87.9522, 93.3198, 97.3813 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(247, 248, 242) }
```


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

```
.border{ border-color:rgb(247, 248, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 248, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 248, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 248, 242);  
box-shadow:4px 4px 4px 4px rgb(247, 248,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 87.9522, 93.3198, 97.3813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 248, 242) }
```

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

```
.background{ background-color: rgb(247,  
248, 242) }
```

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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