

Converting Colors

XYZ(87.6448, 92.9509,
100.0140)

Have a look what the booklet for
XYZ(87.6448, 92.9509, 100.0140)
contains.

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Color

**XYZ(87.7050, 93.1399,
99.7414)**

Conversions

Conversions Part 1

Format	Color
Hex	F5F8F5
RGB	245, 248, 245
RGB Percent	96%, 97%, 96%
CMY	0.0392, 0.0274, 0.0392
CMYK	0.01, 0.00, 0.01, 0.03
HSL	120°, 18%, 97%
HSV	120°, 1%, 97%
XYZ	87.7050, 93.1399, 99.7414
YIQ	246.7610, -0.8250, -1.5690

Conversions

Conversions Part 2

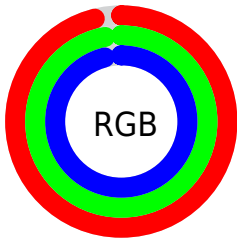
Format	Color
R_{YB}	245, 248, 248
Decimal	16120053
CIE _{Lab}	97.28, -1.52, 1.08
CIE _{LCh}	97, 1.861, 144.538
Yxy	93.1399, 0.3126, 0.3319
Android (android.graphics.Color)	4294310133 (0xFF5F8F5)
YUV	246.7610, -0.8682, -1.5444
Hunter-Lab	96.5090, -6.6744, 6.2805

Details

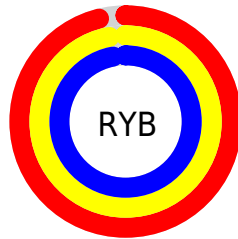
The XYZ color 87.7050, 93.1399, 99.7414 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 88.3105, 92.0409, 101.9228, and the grayscale version is 88.2236, 92.8181, 101.0789.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.0212, 52.1922, 55.6345 is the 20% darker color. If you saturate the color by 10%, you get 76.0904, 87.5636, 80.7422, and if you desaturate by 10%, it is 92.8592, 95.6185, 108.1697.

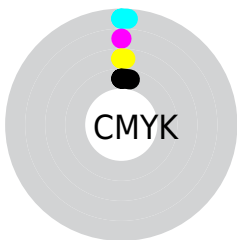
Distribution



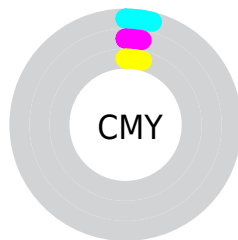
- Red (96%)
- Green (97%)
- Blue (96%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 87.7050, 93.1399, 99.7414 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 87.7050, 93.1399, 99.7414 by changing the saturation by 10% instead.

87.7050, 93.1399,
99.7414

87.7050, 93.1399,
99.7414

508.8866,
538.1928, 580.6029

66.4088, 70.5878,
75.4689

143.0410,
151.6923, 162.8505

48.8732, 52.0059,
55.4931

177.8115,
188.4613, 202.5243

34.7330, 37.0098,
39.3954

217.8041,
230.7382, 248.1688

23.6229, 25.2150,
26.7572

263.3842,
278.9072, 300.2027

15.1773, 16.2373,
17.1602

314.9172,
333.3528, 359.0446

9.0310, 9.6923,
10.1856

372.7683,

4.8187, 5.1954,

394.4593, 425.1128

5.4150

437.3030,
462.6112, 498.8261

■ 2.1749, 2.3624,
2.4298

■ 0.7295, 0.8064,
0.8026

■ 87.7050, 93.1399,
99.7414

■ 87.7050, 93.1399,
99.7414

■ 76.0904, 87.5636,
80.7422

■ 92.8592, 95.6185,
108.1697

■ 66.0746, 82.7524,
64.3599

■ 57.5899, 78.6768,
50.4819

■ 50.5609, 75.3004,
38.9848

■ 44.9058, 72.5840,
29.7349

■ 40.5349, 70.4844,
22.5852

■ 37.3475, 68.9534,
17.3714

■ 35.2283, 67.9354,
13.9045

■ 34.0387, 67.3640,
11.9581

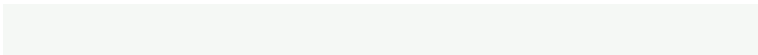
Harmonies

Analogous

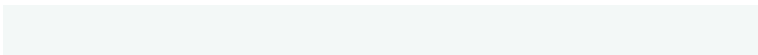
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.1071, 93.1399, 98.7999



87.7050, 93.1399, 99.7414



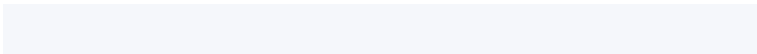
87.5231, 93.1399, 101.1379

Triad

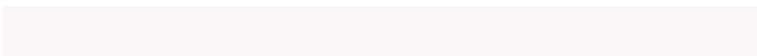
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.7050, 93.1399, 99.7414



88.4304, 93.1399, 104.3260



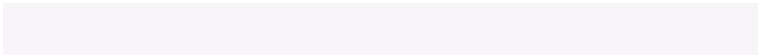
89.4504, 93.1399, 100.2147

Complementary

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



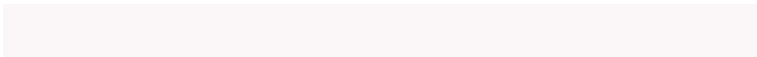
87.7050, 93.1399, 99.7414



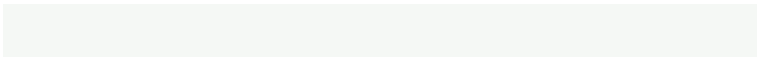
88.3105, 92.0409, 101.9228

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.



89.5379, 93.1399, 101.6896



87.7050, 93.1399, 99.7414



88.9476, 93.1399, 104.0728

Square

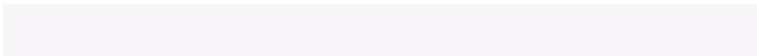
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



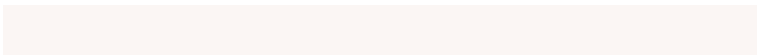
87.7050, 93.1399, 99.7414



87.9409, 93.1399, 103.7924



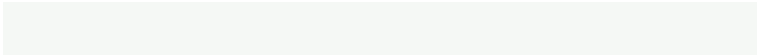
89.3535, 93.1399, 103.1042



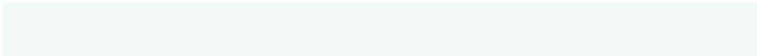
89.1151, 93.1399, 99.0712

Rectangle

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



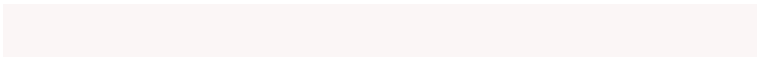
87.7050, 93.1399, 99.7414



87.5507, 93.1399, 102.1428



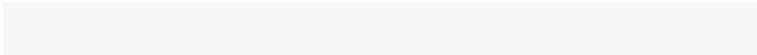
89.3535, 93.1399, 103.1042



89.5098, 93.1399, 100.6877

Sweetspot

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



87.7076, 93.1439, 99.7434

95.0500, 100.0000, 108.9000



88.7644, 93.6887, 99.7927



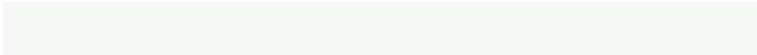
20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

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



87.7076, 93.1439, 99.7434



93.7102, 99.3564, 106.7086



87.9379, 93.2360, 100.9562



19.2154, 20.3650, 21.8877



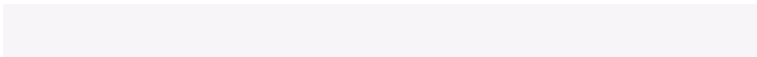
18.1332, 36.2663, 6.0448



1.6795, 3.3589, 0.5599

Inverse Universe

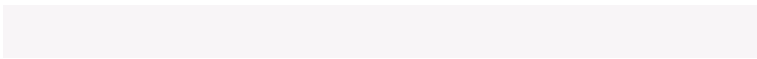
The Inverse Universe completely reimagines the original color for something new.



88.3105, 92.0409, 101.9228



94.2419, 98.3838, 108.6305



88.0784, 91.9481, 100.7002



19.3188, 20.1759, 22.2614



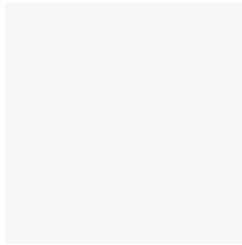
30.0632, 14.4410, 49.1688



2.7844, 1.3375, 4.5540

Previews

White Background



This preview shows how the XYZ color 87.7050, 93.1399, 99.7414 looks on a white background.

Color Contrast Check

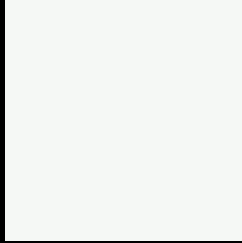
Large Text (above 18pt) WCAG AA × Fail

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 87.7050, 93.1399, 99.7414 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

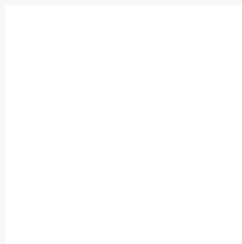
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 87.7050, 93.1399, 99.7414

Background



This preview shows how black text looks on a background with the XYZ color 87.7050, 93.1399, 99.7414.



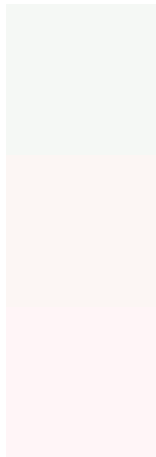
This preview shows how white text looks on a background with the XYZ color 87.7050, 93.1399,

99.714.

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

87.7050, 93.1399, 99.7414

Protanopia

89.4298, 93.1386, 98.8520

Deuteranopia

90.6809, 93.2802, 101.2212

Tritanopia

89.7172, 93.0880, 107.8469

Trichromacy



Original Color

87.7050, 93.1399, 99.7414

Protanomaly

88.6568, 93.1929, 98.9033

Deuteranomaly

89.3740, 93.0746, 100.4435

Tritanomaly

89.0311, 93.2607, 104.5755

Monochromacy



Original Color

87.7050, 93.1399, 99.7414

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

87.9014, 92.7682, 100.4619

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.7050, 93.1399, 99.7414 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, 248, 245) looks like.

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

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, 248, 245) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 87.7050, 93.1399, 99.7414 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, 248, 245) }
```

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

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

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

Here you see how a box with a 4 pixel `rgb(245, 248, 245)` colored shadow looks like.

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


Background

The CSS property to change the background color of an element to XYZ 87.7050, 93.1399, 99.7414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 248, 245) }
```

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

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

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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