

Converting Colors

XYZ(87.2796, 92.6756, 97.8924)

Have a look what the booklet for
XYZ(87.2796, 92.6756, 97.8924)
contains.

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Color

**XYZ(87.0946, 92.4051,
98.0396)**

Conversions

Conversions Part 1

Format	Color
Hex	F5F7F3
RGB	245, 247, 243
RGB Percent	96%, 97%, 95%
CMY	0.0392, 0.0313, 0.0471
CMYK	0.01, 0.00, 0.02, 0.03
HSL	90°, 20%, 96%
HSV	90°, 2%, 97%
XYZ	87.0946, 92.4051, 98.0396
YIQ	245.9460, 0.0920, -1.6680

Conversions

Conversions Part 2

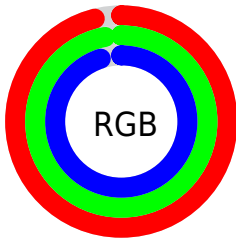
Format	Color
R _Y B	243, 247, 245
Decimal	16119795
CIE Lab	96.99, -1.36, 1.68
CIE LCh	97, 2.158, 129.064
Yxy	92.4051, 0.3138, 0.3329
Android (android.graphics.Color)	4294309875 (0xFFFF5F7F3)
YUV	245.9460, -1.4524, -0.8296
Hunter-Lab	96.1276, -6.4966, 6.8200

Details

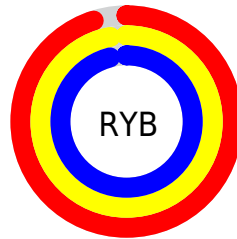
The XYZ color 87.0946, 92.4051, 98.0396 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 86.4989, 90.2316, 100.8580, and the grayscale version is 87.5674, 92.1277, 100.3270.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 48.5867, 51.6683, 54.4259 is the 20% darker color. If you saturate the color by 10%, you get 79.4426, 88.8654, 79.5021, and if you desaturate by 10%, it is 92.5526, 95.0052, 108.0675.

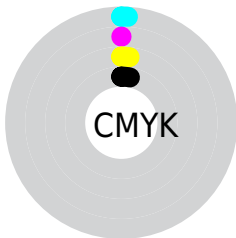
Distribution



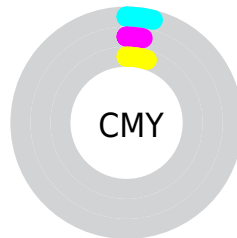
- Red (96%)
- Green (97%)
- Blue (95%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 87.0946, 92.4051, 98.0396 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 87.0946, 92.4051, 98.0396 by changing the saturation by 10% instead.

87.0946, 92.4051,
98.0396

87.0946, 92.4051,
98.0396

506.9136,
535.8239, 575.0819

65.9018, 69.9771,
74.0566

142.1950,
150.6747, 160.4888

48.4601, 51.5079,
54.3433

176.8333,
187.2852, 199.7921

34.4042, 36.6130,
38.4812

216.6841,
229.3919, 245.0393

23.3686, 24.9080,
26.0516

262.1128,
277.3794, 296.6489

14.9881, 16.0085,
16.6361

313.4847,
331.6319, 355.0394

8.8973, 9.5302,
9.8162

371.1652,

4.7308, 5.0886,

392.5339, 420.6293

5.1733

435.5197,
460.4698, 493.8373

■ 2.1233, 2.2993,
2.2888

■ 0.7019, 0.7734,
0.7249

■ 87.0946, 92.4051,
98.0396

■ 87.0946, 92.4051,
98.0396

■ 79.4426, 88.8654,
79.5021

■ 92.5526, 95.0052,
108.0675

■ 72.5528, 85.6603,
63.5142

■ 66.4007, 82.7823,
49.9658

■ 60.9577, 80.2192,
38.7366

■ 56.1928, 77.9580,
29.6960

■ 52.0725, 75.9845,
22.7004

■ 48.5597, 74.2830,
17.5892

■ 45.6125, 72.8362,
14.1776

■ 43.1815, 71.6232,
12.2436

Harmonies

Analogous

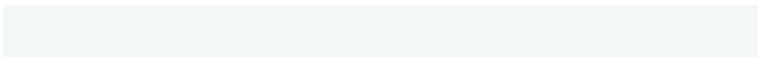
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.6445, 92.4051, 97.3476



87.0946, 92.4051, 98.0396



86.7424, 92.4051, 99.4234

Triad

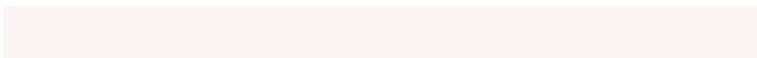
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.0946, 92.4051, 98.0396



87.4118, 92.4051, 103.7687



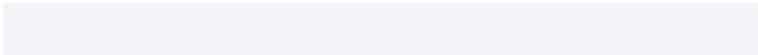
88.9862, 92.4051, 100.0876

Complementary

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



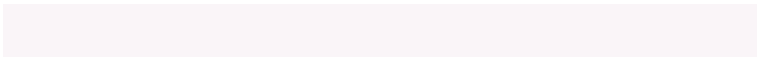
87.0946, 92.4051, 98.0396



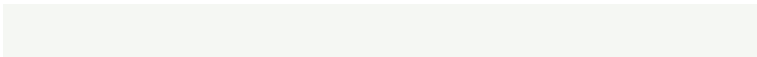
86.4989, 90.2316, 100.8580

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.



88.9232, 92.4051, 101.8129



87.0946, 92.4051, 98.0396



88.0123, 92.4051, 103.9515

Square

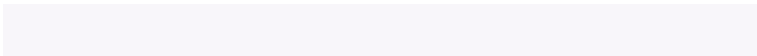
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



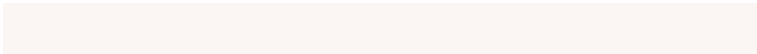
87.0946, 92.4051, 98.0396



86.9249, 92.4051, 102.7353



88.5661, 92.4051, 103.2319



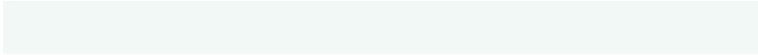
88.7379, 92.4051, 98.5211

Rectangle

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



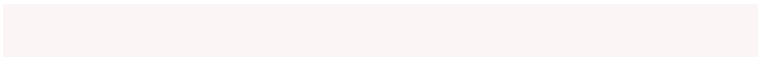
87.0946, 92.4051, 98.0396



86.6661, 92.4051, 100.5588



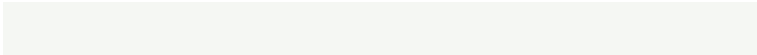
88.5661, 92.4051, 103.2319



89.0008, 92.4051, 100.6681

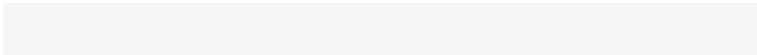
Sweetspot

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



87.0972, 92.4091, 98.0416

95.0500, 100.0000, 108.9000



87.1914, 91.5535, 97.8715



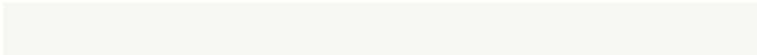
20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

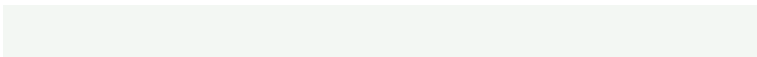
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.0972, 92.4091, 98.0416



93.3066, 99.1949, 104.5890



86.4033, 92.0513, 98.0091



18.3056, 19.4500, 20.5434



22.1011, 37.5063, 6.0746



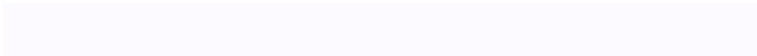
2.0610, 3.3575, 0.5394

Inverse Universe

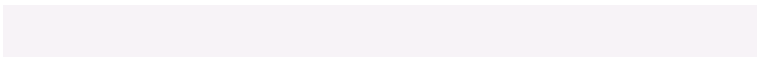
The Inverse Universe completely reimagines the original color for something new.



86.4989, 90.2316, 100.8580



92.5137, 96.3092, 108.3213



87.2004, 90.5932, 100.8908



18.1584, 18.9143, 21.2363



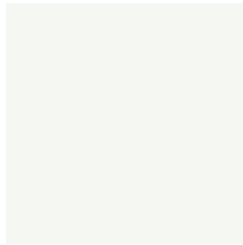
13.4119, 5.8884, 46.9677



1.2973, 0.5786, 4.1335

Previews

White Background



This preview shows how the XYZ color 87.0946, 92.4051, 98.0396 looks on a white background.

Color Contrast Check

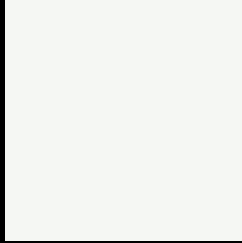
Large Text (above 18pt) WCAG AA × Fail

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 87.0946, 92.4051, 98.0396 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

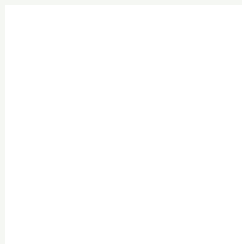
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 87.0946, 92.4051, 98.0396

Background



This preview shows how black text looks on a background with the XYZ color 87.0946, 92.4051, 98.0396.

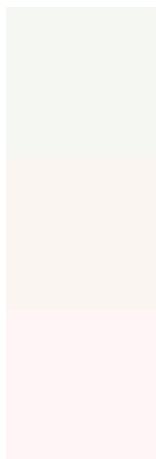


This preview shows how white text looks on a background with the XYZ color 87.0946, 92.4051,

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

87.0946, 92.4051, 98.0396

Protanopia

88.4631, 92.2249, 97.1431

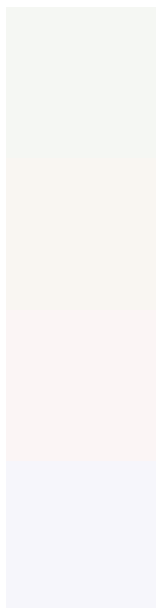
Deuteranopia

90.2252, 92.6152, 100.3099

Tritanopia

89.0602, 92.2990, 107.7292

Trichromacy



Original Color

87.0946, 92.4051, 98.0396

Protanomaly

88.0497, 92.4621, 97.2106

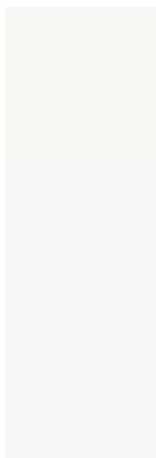
Deuteranomaly

88.9175, 92.4066, 99.5360

Tritanomaly

88.3744, 92.4694, 104.4573

Monochromacy



Original Color

87.0946, 92.4051, 98.0396

Achromatopsia

87.5964, 92.1582, 100.3603

Achromatomaly

87.4432, 92.0969, 99.5539

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.0946, 92.4051, 98.0396 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, 247, 243) looks like.

```
.text, #text, p{  
    color:rgb(245, 247, 243)  
}
```

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, 247, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 247, 243) }
```

Border

The CSS property to change the border of an element to XYZ 87.0946, 92.4051, 98.0396 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, 247, 243) }
```

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

```
.border{ border-color:rgb(245, 247, 243) }
```

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

Here you see how a box with a 4 pixel rgb(245, 247, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 247, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 247, 243);  
box-shadow:4px 4px 4px 4px rgb(245, 247,  
243) }
```


Background

The CSS property to change the background color of an element to XYZ 87.0946, 92.4051, 98.0396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 247, 243) }
```

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

```
.background{ background-color: rgb(245,  
247, 243) }
```

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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