

Converting Colors

XYZ(87.2914, 92.3534, 98.7720)

Have a look what the booklet for
XYZ(87.2914, 92.3534, 98.7720)
contains.

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Color

**XYZ(87.2461, 92.4657,
98.8372)**

Conversions

Conversions Part 1

Format	Color
Hex	F5F7F4
RGB	245, 247, 244
RGB Percent	96%, 97%, 96%
CMY	0.0392, 0.0313, 0.0431
CMYK	0.01, 0.00, 0.01, 0.03
HSL	100°, 16%, 96%
HSV	100°, 1%, 97%
XYZ	87.2461, 92.4657, 98.8372
YIQ	246.0600, -0.2290, -1.3570

Conversions

Conversions Part 2

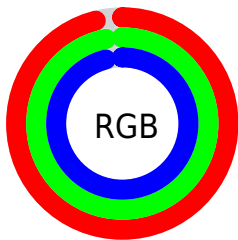
Format	Color
RYB	244, 247, 246
Decimal	16119796
CIELab	97.01, -1.18, 1.20
CIELCh	97, 1.683, 134.738
Yxy	92.4657, 0.3132, 0.3320
Android (android.graphics.Color)	4294309876 (0xFFFF5F7F4)
YUV	246.0600, -1.0156, -0.9296
Hunter-Lab	96.1591, -6.3236, 6.3701

Details

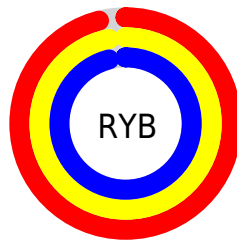
The XYZ color 87.2461, 92.4657, 98.8372 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 87.1487, 91.0121, 100.9743, and the grayscale version is 87.6563, 92.2213, 100.4290.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 48.6942, 51.7113, 54.9918 is the 20% darker color. If you saturate the color by 10%, you get 78.2493, 88.2350, 80.1327, and if you desaturate by 10%, it is 92.5526, 95.0052, 108.0675.

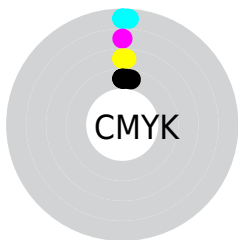
Distribution



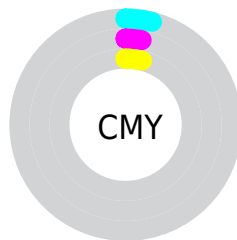
- Red (96%)
- Green (97%)
- Blue (96%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 87.2461, 92.4657, 98.8372 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 87.2461, 92.4657, 98.8372 by changing the saturation by 10% instead.

87.2461, 92.4657,
98.8372

87.2461, 92.4657,
98.8372

507.4036,
536.0195, 577.6730

66.0276, 70.0275,
74.7183

142.4050,
150.7587, 161.5962

48.5626, 51.5490,
54.8818

177.0761,
187.3822, 201.0735

34.4857, 36.6457,
38.9092

216.9622,
229.5030, 246.5072

23.4317, 24.9333,
26.3818

262.4285,
277.5055, 298.3161

15.0350, 16.0273,
16.8811

313.8404,
331.7739, 356.9185

8.9304, 9.5435,
9.9887

371.5634,

4.7526, 5.0974,

392.6928, 422.7331

5.2860

435.9627,
460.6465, 496.1784

■ 2.1361, 2.3045,
2.3544

■ 0.7087, 0.7761,
0.7614

■ 87.2461, 92.4657,
98.8372

■ 87.2461, 92.4657,
98.8372

■ 78.2493, 88.2350,
80.1327

■ 92.5526, 95.0052,
108.0675

■ 70.2315, 84.4506,
63.9923

■ 63.1603, 81.1009,
50.3057

■ 56.9986, 78.1694,
38.9528

■ 51.7065, 75.6382,
29.8028

■ 47.2409, 73.4884,
22.7125

■ 43.5547, 71.6992,
17.5214

■ 40.5950, 70.2473,
14.0455

■ 38.3009, 69.1061,
12.0639

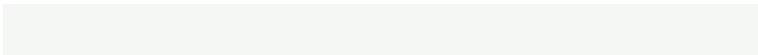
Harmonies

Analogous

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



87.6543, 92.4657, 98.1768



87.2461, 92.4657, 98.8372



87.0098, 92.4657, 99.9941

Triad

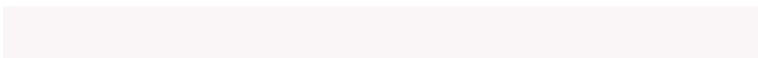
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.2461, 92.4657, 98.8372



87.6463, 92.4657, 103.2179



88.7700, 92.4657, 100.0170

Complementary

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



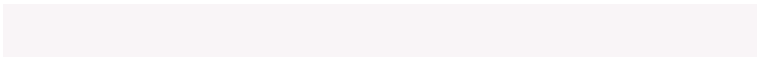
87.2461, 92.4657, 98.8372



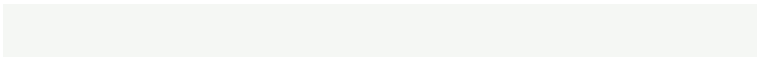
87.1487, 91.0121, 100.9743

Split Complementary

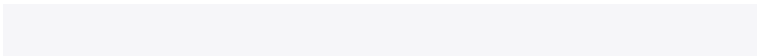
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.7678, 92.4657, 101.3679



87.2461, 92.4657, 98.8372



88.1179, 92.4657, 103.2242

Square

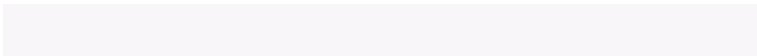
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



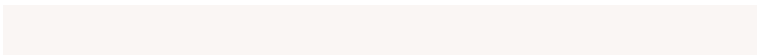
87.2461, 92.4657, 98.8372



87.2402, 92.4657, 102.5273



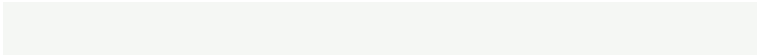
88.5288, 92.4657, 102.5444



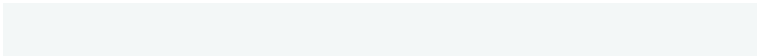
88.5347, 92.4657, 98.8538

Rectangle

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



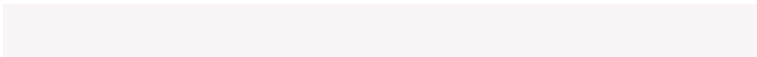
87.2461, 92.4657, 98.8372



86.9810, 92.4657, 100.8951



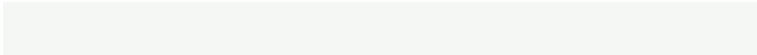
88.5288, 92.4657, 102.5444



88.7970, 92.4657, 100.4640

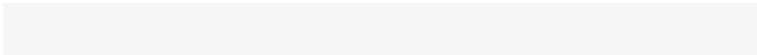
Sweetspot

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



87.2487, 92.4697, 98.8392

95.0500, 100.0000, 108.9000



87.6464, 92.2213, 98.7703



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.



87.2487, 92.4697, 98.8392



94.0190, 99.5156, 106.7229



86.9769, 92.3208, 99.2240



18.4379, 19.5095, 20.9397



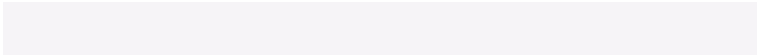
19.5744, 36.2038, 5.9564



1.8249, 3.2358, 0.5284

Inverse Universe

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



87.1487, 91.0121, 100.9743



93.9303, 98.2232, 108.6161



87.4233, 91.1625, 100.5843



18.4215, 19.2697, 21.2911



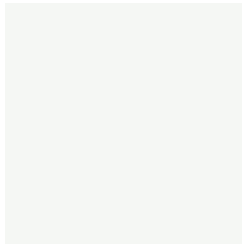
17.2190, 7.8510, 47.1459



1.6220, 0.7460, 4.1487

Previews

White Background



This preview shows how the XYZ color 87.2461, 92.4657, 98.8372 looks on a white background.

Color Contrast Check

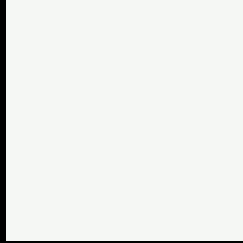
Large Text (above 18pt) WCAG AA × Fail

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 87.2461, 92.4657, 98.8372 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

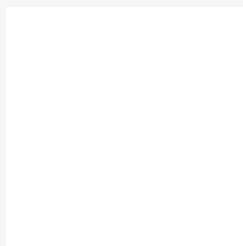
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 87.2461, 92.4657, 98.8372

Background



This preview shows how black text looks on a background with the XYZ color 87.2461, 92.4657, 98.8372.



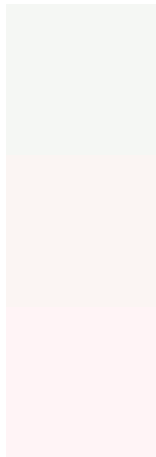
This preview shows how white text looks on a background with the XYZ color 87.2461, 92.4657,

98.872.

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

87.2461, 92.4657, 98.8372

Protanopia

88.6137, 92.2851, 97.9364

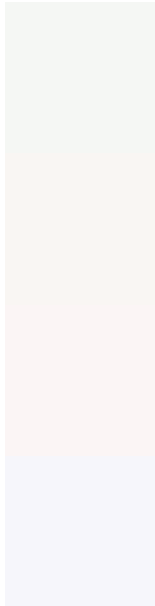
Deuteranopia

90.2252, 92.6152, 100.3099

Tritanopia

89.0602, 92.2990, 107.7292

Trichromacy



Original Color

87.2461, 92.4657, 98.8372

Protanomaly

88.2004, 92.5223, 98.0040

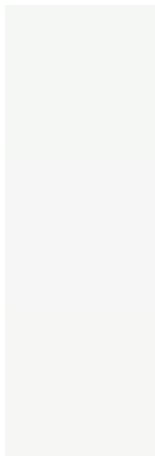
Deuteranomaly

88.9175, 92.4066, 99.5360

Tritanomaly

88.3744, 92.4694, 104.4573

Monochromacy



Original Color

87.2461, 92.4657, 98.8372

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 87.2461, 92.4657, 98.8372 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, 244) looks like.

```
.text, #text, p{  
    color:rgb(245, 247, 244)  
}
```

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, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 247, 244) }
```

Border

The CSS property to change the border of an element to XYZ 87.2461, 92.4657, 98.8372 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, 244) }
```

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

```
.border{ border-color:rgb(245, 247, 244) }
```

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, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 247, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 247, 244);  
box-shadow:4px 4px 4px 4px rgb(245, 247,  
244) }
```


Background

The CSS property to change the background color of an element to XYZ 87.2461, 92.4657, 98.8372 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, 244) }
```

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

```
.background{ background-color: rgb(245,  
247, 244) }
```

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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