

Converting Colors

XYZ(87.2458, 93.9677,
101.1925)

Have a look what the booklet for
XYZ(87.2458, 93.9677, 101.1925)
contains.

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Color

**XYZ(87.2497, 93.7874,
101.4999)**

Conversions

Conversions Part 1

Format	Color
Hex	F1FAF7
RGB	241, 250, 247
RGB Percent	95%, 98%, 97%
CMY	0.0549, 0.0196, 0.0314
CMYK	0.04, 0.00, 0.01, 0.02
HSL	160°, 47%, 96%
HSV	160°, 4%, 98%
XYZ	87.2497, 93.7874, 101.4999
YIQ	246.9670, -4.4010, -2.8410

Conversions

Conversions Part 2

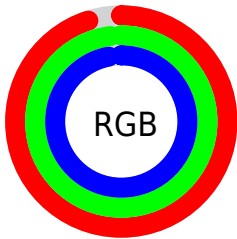
Format	Color
R _Y B	241, 246, 250
Decimal	15858423
CIE Lab	97.55, -3.49, 0.40
CIE LCh	98, 3.511, 173.521
Yxy	93.7874, 0.3088, 0.3319
Android (android.graphics.Color)	4294048503 (0xFFFF1FAF7)
YUV	246.9670, 0.0163, -5.2331
Hunter-Lab	96.8439, -8.6606, 5.6502

Details

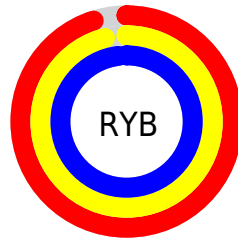
The XYZ color **87.2497, 93.7874, 101.4999** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **87.2122, 89.7686, 98.3230**, and the grayscale version is **88.3860, 92.9889, 101.2650**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.7033, 52.6594, 56.8876** is the 20% darker color. If you saturate the color by 10%, you get **78.0365, 89.1859, 94.5005**, and if you desaturate by 10%, it is **93.4774, 96.8548, 108.3758**.

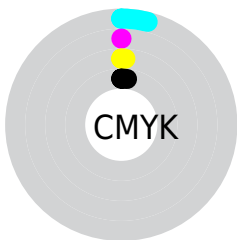
Distribution



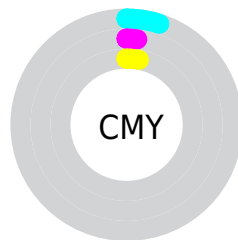
- Red (95%)
- Green (98%)
- Blue (97%)



- Red (95%)
- Yellow (96%)
- Blue (98%)



- Cyan (4%)
- Magenta (0%)
- Yellow (1%)
- Black (2%)



- Cyan (5%)
- Magenta (2%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 87.2497, 93.7874, 101.4999 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 87.2497, 93.7874, 101.4999 by changing the saturation by 10% instead.

87.2497, 93.7874,
101.4999

87.2497, 93.7874,
101.4999

507.4153,
540.2756, 586.2786

66.0306, 71.1261,
76.9299

142.4100,
152.5883, 165.2867

48.5650, 52.4451,
56.6841

177.0819,
189.4967, 205.3406

34.4877, 37.3600,
40.3440

216.9688,
231.9230, 251.3928

23.4332, 25.4864,
27.4911

262.4360,
280.2514, 303.8620

15.0361, 16.4398,
17.7067

313.8489,
334.8666, 363.1666

8.9312, 9.8359,
10.5723

371.5728,

4.7531, 5.2903,

396.1527, 429.7252

5.6695

435.9732,
464.4943, 503.9563

■ 2.1364, 2.4186,
2.5797

■ 0.7089, 0.8354,
0.8819

■ 87.2497, 93.7874,
101.4999

■ 87.2497, 93.7874,
101.4999

■ 78.0365, 89.1859,
94.5005

■ 93.4774, 96.8548,
108.3758

■ 70.0013, 85.1824,
87.8510

■ 63.0952, 81.7546,
81.5471

■ 57.2632, 78.8741,
75.5822

■ 52.4450, 76.5099,
69.9494

■ 48.5746, 74.6281,
64.6414

■ 45.5776, 73.1904,
59.6502

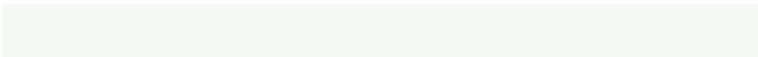
■ 43.3679, 72.1527,
54.9676

■ 41.8410, 71.4610,
50.5841

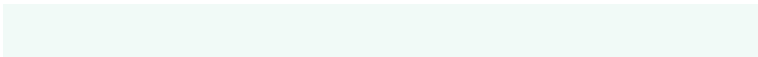
Harmonies

Analogous

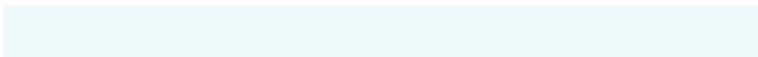
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.6086, 93.7874, 98.8871



87.2497, 93.7874, 101.4999



87.3948, 93.7874, 104.3267

Triad

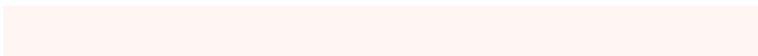
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.2497, 93.7874, 101.4999



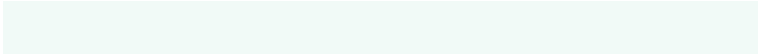
89.9098, 93.7874, 107.2390



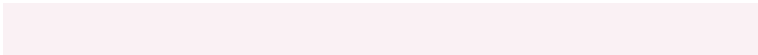
90.2874, 93.7874, 97.7646

Complementary

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



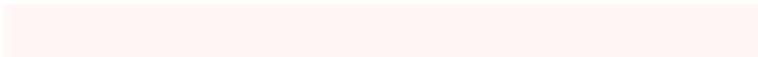
87.2497, 93.7874, 101.4999



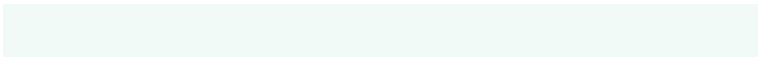
87.2122, 89.7686, 98.3230

Split Complementary

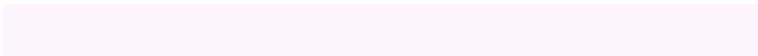
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.9125, 93.7874, 99.9418



87.2497, 93.7874, 101.4999



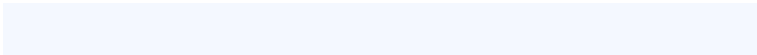
90.6934, 93.7874, 105.4196

Square

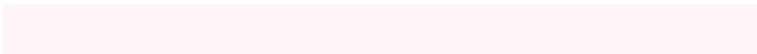
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



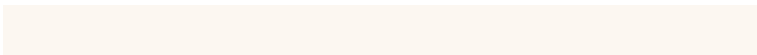
87.2497, 93.7874, 101.4999



88.9258, 93.7874, 107.6749



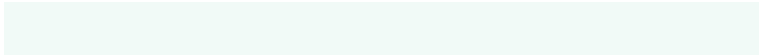
91.0617, 93.7874, 102.7397



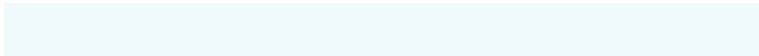
89.3587, 93.7874, 96.7567

Rectangle

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



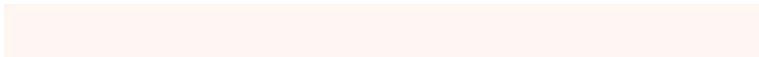
87.2497, 93.7874, 101.4999



87.7584, 93.7874, 105.9485



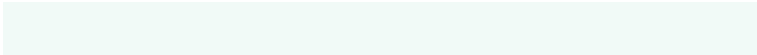
91.0617, 93.7874, 102.7397



90.5403, 93.7874, 98.3820

Sweetspot

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



87.2524, 93.7914, 101.5020



93.9814, 99.4649, 108.1366



87.4262, 93.9863, 96.7536



20.1271, 21.2952, 23.1538



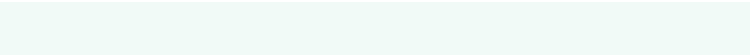
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

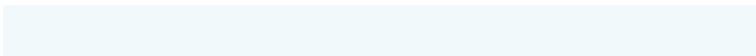
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.2524, 93.7914, 101.5020



90.8533, 97.8993, 105.8689



87.3016, 93.1419, 103.8242



18.4610, 19.9822, 21.5788



21.8825, 37.7660, 25.7883



2.0759, 3.5175, 2.6474

Inverse Universe

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



87.2122, 89.7686, 98.3230



90.8067, 93.2338, 102.1821



87.1609, 90.3902, 96.0735



18.4498, 18.8544, 20.6876



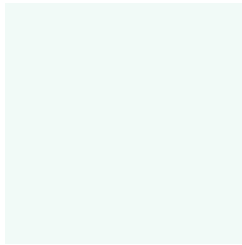
21.8079, 11.1389, 5.6968



2.0668, 1.0505, 0.7753

Previews

White Background



This preview shows how the XYZ color 87.2497, 93.7874, 101.4999 looks on a white background.

Color Contrast Check

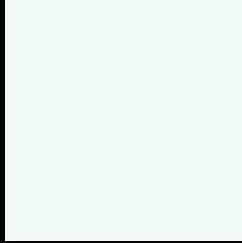
Large Text (above 18pt) WCAG AA × Fail

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 87.2497, 93.7874, 101.4999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

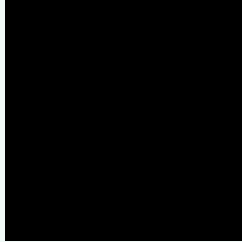
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

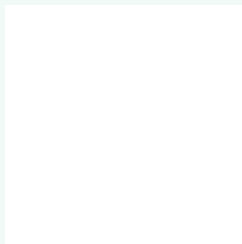
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 87.2497, 93.7874, 101.4999

Background



This preview shows how black text looks on a background with the XYZ color 87.2497, 93.7874, 101.4999.



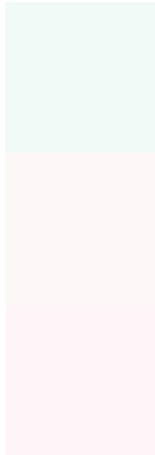
This preview shows how white text looks on a background with the XYZ color 87.2497, 93.7874,

101.4999.

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

87.2497, 93.7874, 101.4999

Protanopia

90.2502, 93.9967, 99.7727

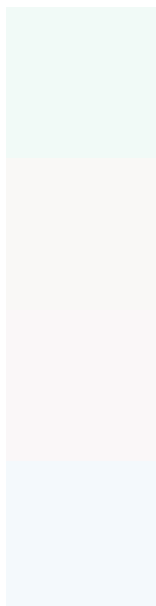
Deuteranopia

90.8357, 93.3421, 102.0362

Tritanopia

89.6234, 93.9476, 108.0178

Trichromacy



Original Color

87.2497, 93.7874, 101.4999

Protanomaly

89.2689, 93.9284, 100.6138

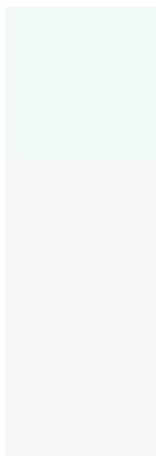
Deuteranomaly

89.6284, 93.6228, 102.1540

Tritanomaly

88.7546, 94.0127, 105.5639

Monochromacy



Original Color

87.2497, 93.7874, 101.4999

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

88.0121, 93.2627, 101.3585

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.2497, 93.7874, 101.4999 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(241, 250, 247) looks like.

```
.text, #text, p{  
    color:rgb(241, 250, 247)  
}
```

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(241, 250, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 250, 247) }
```

Border

The CSS property to change the border of an element to XYZ 87.2497, 93.7874, 101.4999 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(241, 250, 247) }
```


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

```
.border{ border-color:rgb(241, 250, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 250, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 250, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 250, 247);  
box-shadow:4px 4px 4px 4px rgb(241, 250,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 87.2497, 93.7874, 101.4999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 250, 247) }
```

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

```
.background{ background-color: rgb(241,  
250, 247) }
```

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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