

Converting Colors

XYZ(87.9197, 87.1812,
100.3174)

Have a look what the booklet for
XYZ(87.9197, 87.1812, 100.3174)
contains.

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Color

**XYZ(87.4513, 86.8210,
100.1446)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFAF7
RGB	255, 234, 247
RGB Percent	100%, 92%, 97%
CMY	0.0000, 0.0823, 0.0314
CMYK	0.00, 0.08, 0.03, 0.00
HSL	323°, 100%, 96%
HSV	323°, 8%, 100%
XYZ	87.4513, 86.8210, 100.1446
YIQ	241.7610, 8.3430, 8.4950

Conversions

Conversions Part 2

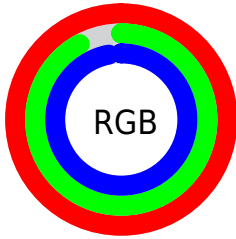
Format	Color
R _Y B	255, 234, 247
Decimal	16771831
CIE Lab	94.66, 9.32, -3.70
CIE LCh	95, 10.026, 338.326
Yxy	86.8210, 0.3187, 0.3164
Android (android.graphics.Color)	4294961911 (0xFFFFEAF7)
YUV	241.7610, 2.5828, 11.6106
Hunter-Lab	93.1778, 4.4687, 1.5014

Details

The XYZ color **87.4513, 86.8210, 100.1446** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.7213, 95.4245, 97.9086**, and the grayscale version is **84.1865, 88.5708, 96.4536**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.6131, 47.6081, 55.9173** is the 20% darker color. If you saturate the color by 10%, you get **79.2474, 72.7500, 90.2057**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

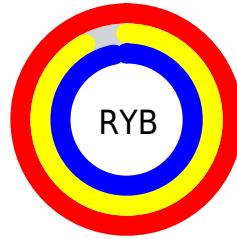
Distribution



Red (100%)

Green (92%)

Blue (97%)



Red (100%)

Yellow (92%)

Blue (97%)

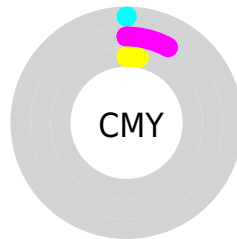


Cyan (0%)

Magenta (8%)

Yellow (3%)

Black (0%)



Cyan (0%)

Magenta (8%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 87.4513, 86.8210, 100.1446 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 87.4513, 86.8210, 100.1446 by changing the saturation by 10% instead.

87.4513, 86.8210,
100.1446

87.4513, 86.8210,
100.1446

508.0670,
517.6345, 581.9068

66.1980, 65.3471,
75.8037

142.6894,
142.9146, 163.4095

48.7015, 47.7426,
55.7659

177.4050,
178.3031, 203.1706

34.5963, 33.6231,
39.6125

217.3388,
219.0986, 248.9089

23.5171, 22.6042,
26.9251

262.8560,
265.6854, 301.0429

15.0986, 14.3015,
17.2850

314.3221,
318.4481, 359.9912

8.9754, 8.3307,
10.2738

372.1024,

4.7821, 4.3073,

377.7708, 426.1722

5.4729

436.5622,
444.0382, 500.0046

■ 2.1534, 1.8469,
2.4638

■ 0.7180, 0.5161,
0.8209

■ 87.4513, 86.8210,
100.1446

■ 87.4513, 86.8210,
100.1446

■ 79.2474, 72.7500,
90.2057

95.0500, 100.0000,
108.9000

■ 72.1188, 60.7071,
81.0037

■ 66.0188, 50.5999,
72.5182

■ 60.8946, 42.3251,
64.7255

■ 56.6886, 35.7695,
57.6003

■ 53.3368, 30.8073,
51.1148

■ 50.7666, 27.2952,
45.2382

■ 48.8922, 25.0640,
39.9352

■ 47.5961, 23.8807,
35.1594

Harmonies

Analogous

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



85.7898, 86.8210, 106.7125



87.4513, 86.8210, 100.1446



87.7771, 86.8210, 92.3919

Triad

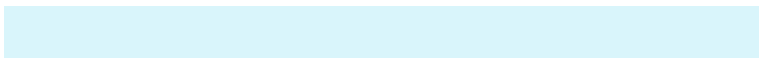
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.4513, 86.8210, 100.1446



81.7696, 86.8210, 80.5416



78.5057, 86.8210, 104.0789

Complementary

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



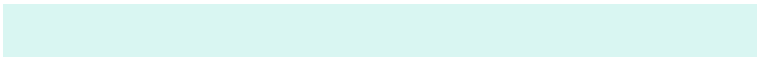
87.4513, 86.8210, 100.1446



85.7213, 95.4245, 97.9086

Split Complementary

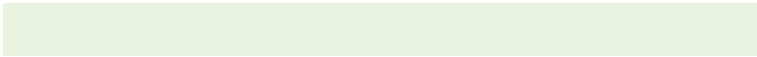
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.4786, 86.8210, 96.7076



87.4513, 86.8210, 100.1446



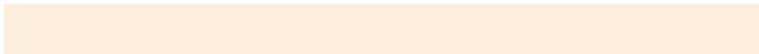
79.3359, 86.8210, 83.3180

Square

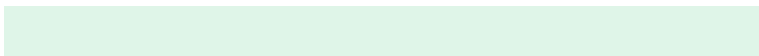
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



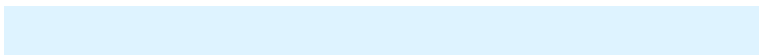
87.4513, 86.8210, 100.1446



84.4575, 86.8210, 81.3501



77.7791, 86.8210, 89.1356



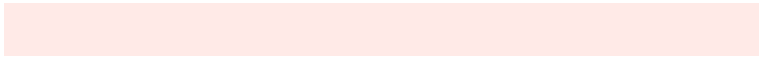
80.6139, 86.8210, 109.0690

Rectangle

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



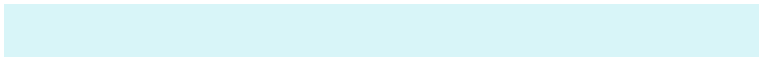
87.4513, 86.8210, 100.1446



87.1864, 86.8210, 87.6374



77.7791, 86.8210, 89.1356



78.0246, 86.8210, 101.7818

Sweetspot

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



87.4532, 86.8245, 100.1464



93.1332, 96.6646, 106.7256



83.9908, 84.8939, 106.5671



19.9544, 20.7251, 22.8666



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

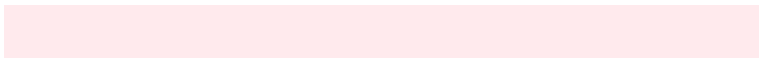
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.4532, 86.8245, 100.1464



85.9228, 84.1857, 98.3352



85.9221, 86.2120, 92.0836



18.4821, 18.1762, 21.1560



24.8418, 12.4260, 18.3493



2.4720, 1.2312, 2.0672

Inverse Universe

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



87.4532, 86.8245, 100.1464



85.9228, 84.1857, 98.3352



87.2962, 96.0544, 106.2017



18.4821, 18.1762, 21.1560



24.8418, 12.4260, 18.3493



2.4720, 1.2312, 2.0672

Previews

White Background



This preview shows how the XYZ color 87.4513, 86.8210, 100.1446 looks on a white background.

Color Contrast Check

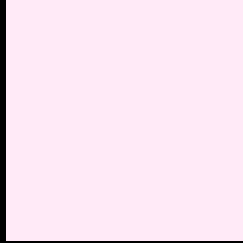
Large Text (above 18pt) WCAG AA × Fail

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 87.4513, 86.8210, 100.1446 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 87.4513, 86.8210, 100.1446

Background



This preview shows how black text looks on a background with the XYZ color 87.4513, 86.8210, 100.1446.



This preview shows how white text looks on a background with the XYZ color 87.4513, 86.8210,

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

87.4513, 86.8210, 100.1446

Protanopia

84.1055, 86.7520, 102.7545

Deuteranopia

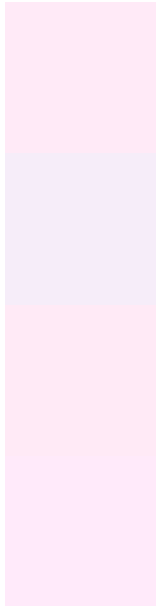
87.2974, 86.7595, 99.3340



Tritanopia

88.0754, 87.0707, 103.4310

Trichromacy



Original Color

87.4513, 86.8210, 100.1446

Protanomaly

85.3891, 87.0008, 101.9149

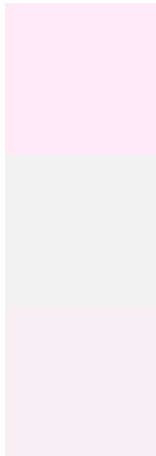
Deuteranomaly

87.2974, 86.7595, 99.3340

Tritanomaly

87.9181, 87.0078, 102.6029

Monochromacy



Original Color

87.4513, 86.8210, 100.1446

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

85.5534, 88.0388, 98.0720

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.4513, 86.8210, 100.1446 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(255, 234, 247)` looks like.

```
.text, #text, p{  
    color:rgb(255, 234, 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(255, 234, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 234, 247) }
```

Border

The CSS property to change the border of an element to XYZ 87.4513, 86.8210, 100.1446 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(255, 234, 247) }
```


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

```
.border{ border-color:rgb(255, 234, 247) }
```

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

Here you see how a box with a 4 pixel rgb(255, 234, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 234, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 234, 247);  
box-shadow:4px 4px 4px 4px rgb(255, 234,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 87.4513, 86.8210, 100.1446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 234, 247) }
```

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

```
.background{ background-color: rgb(255,  
234, 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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