

Converting Colors

XYZ(103.2849, 94.6417,
101.1806)

Have a look what the booklet for
XYZ(103.2849, 94.6417, 101.1806)
contains.

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Color

**XYZ(87.1674, 86.2532,
100.0500)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE9F7
RGB	255, 233, 247
RGB Percent	100%, 91%, 97%
CMY	0.0000, 0.0863, 0.0314
CMYK	0.00, 0.09, 0.03, 0.00
HSL	322°, 100%, 96%
HSV	322°, 9%, 100%
XYZ	87.1674, 86.2532, 100.0500
YIQ	241.1740, 8.6180, 9.0180

Conversions

Conversions Part 2

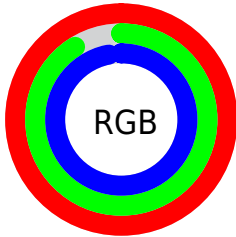
Format	Color
R _Y B	255, 233, 247
Decimal	16771575
CIE Lab	94.42, 9.83, -4.06
CIE LCh	94, 10.637, 337.571
Yxy	86.2532, 0.3187, 0.3154
Android (android.graphics.Color)	4294961655 (0xFFFFE9F7)
YUV	241.1740, 2.8722, 12.1254
Hunter-Lab	92.8726, 5.0076, 1.1388

Details

The XYZ color **87.1674, 86.2532, 100.0500** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.2440, 95.1958, 97.1043**, and the grayscale version is **83.7212, 88.0812, 95.9204**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.4148, 47.2116, 55.8512** is the 20% darker color. If you saturate the color by 10%, you get **79.0683, 72.2883, 90.4654**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

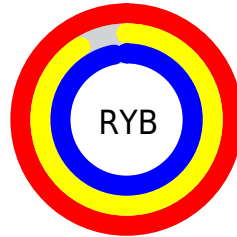
Distribution



Red (100%)

Green (91%)

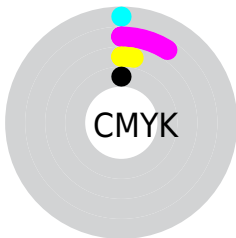
Blue (97%)



Red (100%)

Yellow (91%)

Blue (97%)

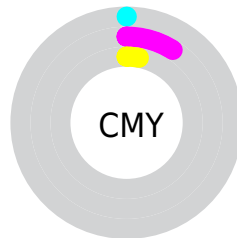


Cyan (0%)

Magenta (9%)

Yellow (3%)

Black (0%)



Cyan (0%)


Magenta (9%)


Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 87.1674, 86.2532, 100.0500 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 87.1674, 86.2532, 100.0500 by changing the saturation by 10% instead.


 87.1674, 86.2532,
100.0500

 87.1674, 86.2532,
100.0500

507.1491,
515.7657, 581.6010

 65.9622, 64.8774,
75.7252


142.2959,
142.1228, 163.2784

 48.5093, 47.3616,
55.7019


176.9500,
177.3853, 203.0190

 34.4433, 33.3216,
39.5616


216.8177,
218.0455, 248.7353

 23.3989, 22.3730,
26.8857

262.2645,
264.4878, 300.8458

 15.0106, 14.1312,
17.2557

313.6557,
317.0966, 359.7691

 8.9132, 8.2120,
10.2531

371.3566,

 4.7413, 4.2309,

376.2562, 425.9237

5.4593

435.7326,
442.3512, 499.7282

■ 2.1295, 1.8035,
2.4558

■ 0.7052, 0.4894,
0.8166

■ 87.1674, 86.2532,
100.0500

■ 87.1674, 86.2532,
100.0500

■ 79.0683, 72.2883,
90.4654

95.0500, 100.0000,
108.9000

■ 72.0360, 60.3450,
81.5813

■ 66.0236, 50.3311,
73.3781

■ 60.9785, 42.1427,
65.8331

■ 56.8429, 35.6664,
58.9215

■ 53.5529, 30.7757,
52.6166

■ 51.0354, 27.3267,
46.8882

■ 49.2044, 25.1490,
41.7019

■ 47.9375, 23.9999,
37.0108

Harmonies

Analogous

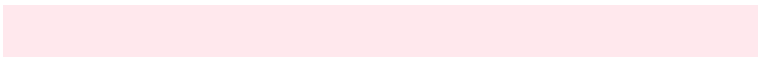
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.3784, 86.2532, 106.9524



87.1674, 86.2532, 100.0500



87.5512, 86.2532, 91.8563

Triad

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



87.1674, 86.2532, 100.0500



81.2590, 86.2532, 79.1592



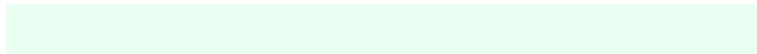
77.7013, 86.2532, 103.8439

Complementary

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



87.1674, 86.2532, 100.0500



85.2440, 95.1958, 97.1043

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.



76.6524, 86.2532, 96.0043



87.1674, 86.2532, 100.0500



78.6751, 86.2532, 81.9828

Square

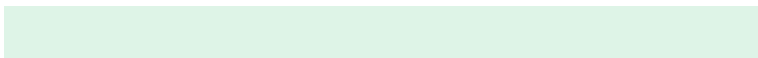
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



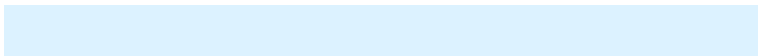
87.1674, 86.2532, 100.0500



84.0961, 86.2532, 80.1030



77.0047, 86.2532, 88.0362



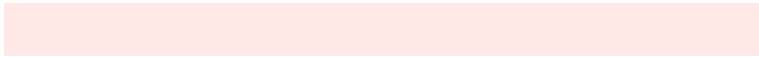
79.9018, 86.2532, 109.2300

Rectangle

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



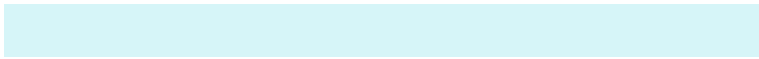
87.1674, 86.2532, 100.0500



86.9505, 86.2532, 86.8160



77.0047, 86.2532, 88.0362



77.2047, 86.2532, 101.3909

Sweetspot

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



87.1693, 86.2567, 100.0518



92.2132, 95.0379, 105.7607



83.3652, 84.1499, 106.4565



19.5789, 20.0652, 22.4599



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.



87.1693, 86.2567, 100.0518



85.9905, 84.2128, 98.6914



85.5653, 85.6150, 91.6050



18.4959, 18.1817, 21.2286



25.0430, 12.5065, 19.4089



2.4908, 1.2387, 2.1662

Inverse Universe

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



87.1693, 86.2567, 100.0518



85.9905, 84.2128, 98.6914



86.8895, 95.8540, 105.7692



18.4959, 18.1817, 21.2286



25.0430, 12.5065, 19.4089



2.4908, 1.2387, 2.1662

Previews

White Background



This preview shows how the XYZ color 87.1674, 86.2532, 100.0500 looks on a white background.

Color Contrast Check

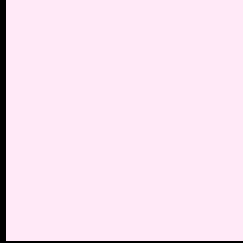
Large Text (above 18pt) WCAG AA × Fail

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 87.1674, 86.2532, 100.0500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

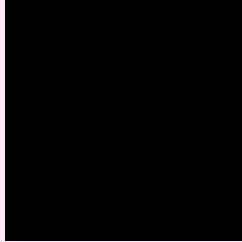
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 87.1674, 86.2532, 100.0500

Background



This preview shows how black text looks on a background with the XYZ color 87.1674, 86.2532, 100.0500.



This preview shows how white text looks on a background with the XYZ color 87.1674, 86.2532,

100.0500.

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

87.1674, 86.2532, 100.0500

Protanopia

83.7650, 86.5765, 102.7385

Deuteranopia

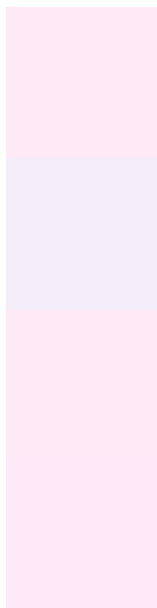
87.0135, 86.1916, 99.2393



Tritanopia

87.6342, 86.4400, 102.5082

Trichromacy



Original Color

87.1674, 86.2532, 100.0500

Protanomaly

84.7505, 86.2429, 101.8023

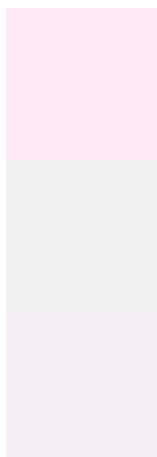
Deuteranomaly

87.0135, 86.1916, 99.2393

Tritanomaly

87.4778, 86.3774, 101.6845

Monochromacy



Original Color

87.1674, 86.2532, 100.0500

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

84.7582, 87.2130, 97.1606

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.1674, 86.2532, 100.0500 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, 233, 247)` looks like.

```
.text, #text, p{  
    color:rgb(255, 233, 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, 233, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 233, 247) }
```

Border

The CSS property to change the border of an element to XYZ 87.1674, 86.2532, 100.0500 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, 233, 247) }
```


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

```
.border{ border-color:rgb(255, 233, 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, 233, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 233, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 233, 247);  
box-shadow:4px 4px 4px 4px rgb(255, 233,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 87.1674, 86.2532, 100.0500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 233, 247) }
```

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

```
.background{ background-color: rgb(255,  
233, 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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