

Converting Colors

XYZ(87.9496, 86.5661,
104.1689)

Have a look what the booklet for
XYZ(87.9496, 86.5661, 104.1689)
contains.

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Color

**XYZ(87.9496, 86.5661,
104.1689)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE9FC
RGB	255, 233, 252
RGB Percent	100%, 91%, 99%
CMY	0.0000, 0.0863, 0.0118
CMYK	0.00, 0.09, 0.01, 0.00
HSL	308°, 100%, 96%
HSV	308°, 9%, 100%
XYZ	87.9496, 86.5661, 104.1689
YIQ	241.7440, 7.0130, 10.5730

Conversions

Conversions Part 2

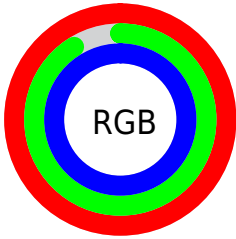
Format	Color
R_{YB}	255, 233, 252
Decimal	16771580
CIE _{Lab}	94.55, 10.71, -6.46
CIE _{LCh}	95, 12.504, 328.890
Yxy	86.5661, 0.3156, 0.3106
Android (android.graphics.Color)	4294961660 (0xFFFFE9FC)
YUV	241.7440, 5.0562, 11.6255
Hunter-Lab	93.0409, 5.9107, -1.2526

Details

The XYZ color **87.9496, 86.5661, 104.1689** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.5072, 94.9010, 93.2240**, and the grayscale version is **84.1549, 88.5375, 96.4174**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.8612, 47.3902, 58.2017** is the 20% darker color. If you saturate the color by 10%, you get **80.7005, 72.9411, 99.0603**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

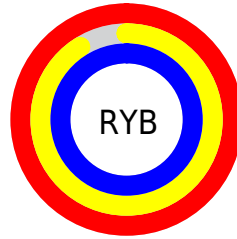
Distribution



Red (100%)

Green (91%)

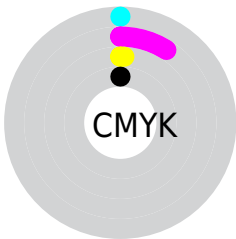
Blue (99%)



Red (100%)

Yellow (91%)

Blue (99%)

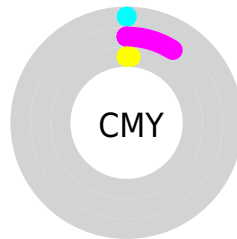


Cyan (0%)

Magenta (9%)

Yellow (1%)

Black (0%)



Cyan (0%)

Magenta (9%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 87.9496, 86.5661, 104.1689 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 87.9496, 86.5661, 104.1689 by changing the saturation by 10% instead.

87.9496, 86.5661,
104.1689

87.9496, 86.5661,
104.1689

509.6760,
516.7960, 594.8379

66.6120, 65.1362,
79.1505

143.3799,
142.5592, 168.9762

49.0389, 47.5715,
58.4975

178.2032,
177.8912, 209.6021

34.8650, 33.4877,
41.7914

218.2526,
218.6260, 256.2676

23.7249, 22.5003,
28.6136

263.8932,
265.1480, 309.3913

15.2533, 14.2250,
18.5457

315.4905,
317.8416, 369.3916

9.0848, 8.2773,
11.1690

373.4099,

4.8541, 4.2729,

377.0912, 436.6871

6.0650

438.0166,
443.2812, 511.6964

■ 2.1958, 1.8274,
2.8152

■ 0.7405, 0.5041,
1.0011

■ 87.9496, 86.5661,
104.1689

■ 87.9496, 86.5661,
104.1689

■ 80.7005, 72.9411,
99.0603

95.0500, 100.0000,
108.9000

■ 74.4580, 61.3139,
94.3354

■ 69.1763, 51.5922,
89.9801

■ 64.8038, 43.6729,
85.9767

■ 61.2837, 37.4427,
82.3062

■ 58.5531, 32.7758,
78.9472

■ 56.5401, 29.5286,
75.8756

■ 55.1598, 27.5311,
73.0627

■ 54.2910, 26.5413,
70.4679

Harmonies

Analogous

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



85.4476, 86.5661, 111.4481



87.9496, 86.5661, 104.1689



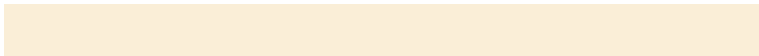
88.9258, 86.5661, 94.6156

Triad

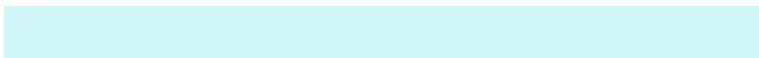
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.9496, 86.5661, 104.1689



82.4040, 86.5661, 76.8990



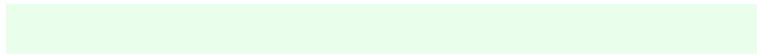
76.7367, 86.5661, 103.5049

Complementary

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



87.9496, 86.5661, 104.1689



84.5072, 94.9010, 93.2240

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.



75.9709, 86.5661, 93.8968



87.9496, 86.5661, 104.1689



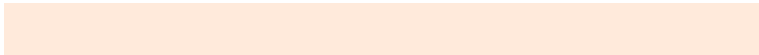
79.1887, 86.5661, 78.9292

Square

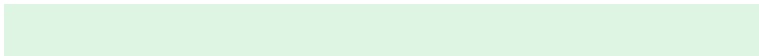
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



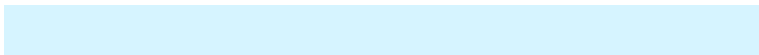
87.9496, 86.5661, 104.1689



85.6707, 86.5661, 79.2490



76.8565, 86.5661, 84.9924



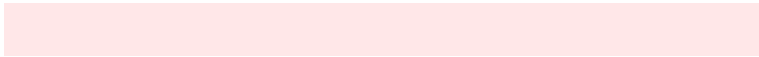
78.9770, 86.5661, 111.0467

Rectangle

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



87.9496, 86.5661, 104.1689



88.5602, 86.5661, 88.3768



76.8565, 86.5661, 84.9924



76.3010, 86.5661, 100.3898

Sweetspot

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



87.9515, 86.5695, 104.1707



92.4904, 95.1488, 107.2207



81.7622, 83.3235, 106.3815



19.6539, 20.0952, 22.8549



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.



87.9515, 86.5695, 104.1707



86.8931, 84.5738, 103.4447



86.2683, 85.8963, 95.3070



18.6799, 18.2553, 22.1972



28.3564, 13.8318, 36.8568



2.7891, 1.3580, 3.7369

Inverse Universe

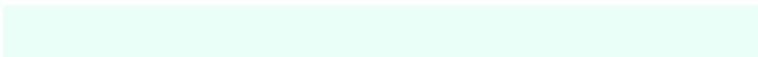
The Inverse Universe completely reimagines the original color for something new.



87.9515, 86.5695, 104.1707



86.8931, 84.5738, 103.4447



86.1447, 95.5561, 101.8474



18.6799, 18.2553, 22.1972



28.3564, 13.8318, 36.8568



2.7891, 1.3580, 3.7369

Previews

White Background



This preview shows how the XYZ color 87.9496, 86.5661, 104.1689 looks on a white background.

Color Contrast Check

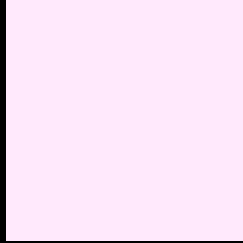
Large Text (above 18pt) WCAG AA × Fail

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 87.9496, 86.5661, 104.1689 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 87.9496, 86.5661, 104.1689

Background



This preview shows how black text looks on a background with the XYZ color 87.9496, 86.5661, 104.1689.

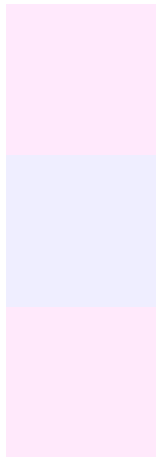


This preview shows how white text looks on a background with the XYZ color 87.9496, 86.5661,

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

87.9496, 86.5661, 104.1689

Protanopia

84.2211, 86.7198, 106.9074

Deuteranopia

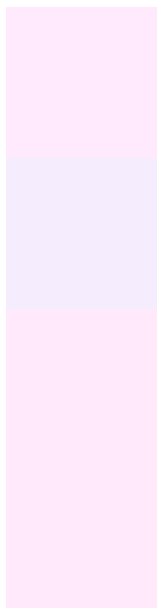
87.7915, 86.5029, 103.3364



Tritanopia

87.7915, 86.5029, 103.3364

Trichromacy



Original Color

87.9496, 86.5661, 104.1689

Protanomaly

85.5410, 86.5591, 105.9650

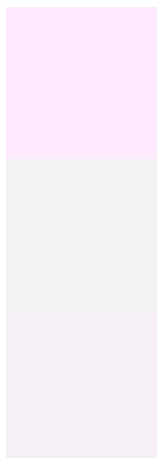
Deuteranomaly

87.7915, 86.5029, 103.3364

Tritanomaly

87.7915, 86.5029, 103.3364

Monochromacy



Original Color

87.9496, 86.5661, 104.1689

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

85.8588, 88.1610, 99.6803

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.9496, 86.5661, 104.1689 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, 252)` looks like.

```
.text, #text, p{  
    color:rgb(255, 233, 252)  
}
```

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, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 233, 252) }
```

Border

The CSS property to change the border of an element to XYZ 87.9496, 86.5661, 104.1689 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, 252) }
```


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

```
.border{ border-color:rgb(255, 233, 252) }
```

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, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 233, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 233, 252);  
box-shadow:4px 4px 4px 4px rgb(255, 233,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 87.9496, 86.5661, 104.1689 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, 252) }
```

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

```
.background{ background-color: rgb(255,  
233, 252) }
```

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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