

Converting Colors

XYZ(84.8739, 82.5741, 96.4866)

Have a look what the booklet for
XYZ(84.8739, 82.5741, 96.4866)
contains.

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Color

**XYZ(84.8867, 82.6692,
96.2768)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE3F3
RGB	255, 227, 243
RGB Percent	100%, 89%, 95%
CMY	0.0000, 0.1098, 0.0471
CMYK	0.00, 0.11, 0.05, 0.00
HSL	326°, 100%, 95%
HSV	326°, 11%, 100%
XYZ	84.8867, 82.6692, 96.2768
YIQ	237.1960, 11.5520, 10.9120

Conversions

Conversions Part 2

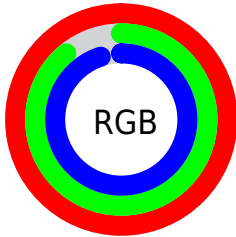
Format	Color
R_{YB}	255, 227, 243
Decimal	16770035
CIE _{Lab}	92.87, 12.24, -4.26
CIE _{LCh}	93, 12.962, 340.828
Yxy	82.6692, 0.3217, 0.3133
Android (android.graphics.Color)	4294960115 (0xFFFFE3F3)
YUV	237.1960, 2.8614, 15.6141
Hunter-Lab	90.9226, 7.5357, 0.8644

Details

The XYZ color **84.8867, 82.6692, 96.2768** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **83.0211, 94.0841, 95.4491**, and the grayscale version is **80.6213, 84.8199, 92.3689**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.0109, 45.0987, 53.2409** is the 20% darker color. If you saturate the color by 10%, you get **76.8205, 69.0999, 85.6864**, and if you desaturate by 10%, it is **94.0878, 98.3503, 107.7326**.

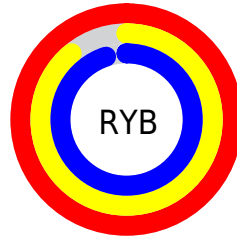
Distribution



Red (100%)

Green (89%)

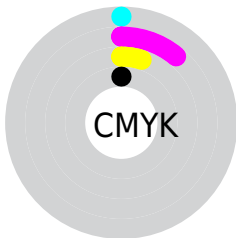
Blue (95%)



Red (100%)

Yellow (89%)

Blue (95%)

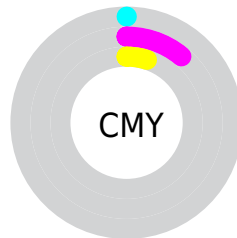


Cyan (0%)

Magenta (11%)

Yellow (5%)

Black (0%)



Cyan (0%)


Magenta (11%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.8867, 82.6692, 96.2768 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 84.8867, 82.6692, 96.2768 by changing the saturation by 10% instead.


 84.8867, 82.6692,
96.2768

 84.8867, 82.6692,
96.2768


499.7424,
503.8834, 569.3329

 64.0699, 61.9173,
72.5954


139.1297,
137.1121, 158.0381

 46.9692, 44.9659,
53.1554


173.2867,
171.5718, 196.9550

 33.2192, 31.4305,
37.5382


212.6211,
211.3696, 241.7876

 22.4544, 20.9269,
25.3254

257.4983,
256.8899, 292.9542

 14.3097, 13.0706,
16.0985

308.2837,
308.5170, 350.8735

 8.4195, 7.4772,
9.4387

365.3426,

 4.4186, 3.7623,

366.6353, 415.9641

4.9278

429.0404,
431.6293, 488.6443

■ 1.9416, 1.5415,
2.1469

■ 0.6008, 0.3177,
0.6435

■ 84.8867, 82.6692,
96.2768

■ 84.8867, 82.6692,
96.2768

■ 76.8205, 69.0999,
85.6864

94.0878, 98.3503,
107.7326

■ 69.8367, 57.5411,
75.9321

95.0500, 100.0000,
108.9000

■ 63.8867, 47.8983,
66.9902

■ 58.9162, 40.0654,
58.8339

■ 54.8653, 33.9260,
51.4341

■ 51.6674, 29.3496,
44.7592

■ 49.2462, 26.1869,
38.7741

■ 47.5106, 24.2586,
33.4384

■ 46.4054, 23.3262,
29.1307

Harmonies

Analogous

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



82.9090, 82.6692, 104.8735



84.8867, 82.6692, 96.2768



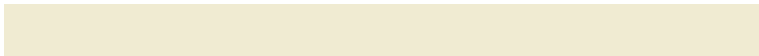
85.1451, 82.6692, 86.5547

Triad

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



84.8867, 82.6692, 96.2768



77.3577, 82.6692, 72.9108



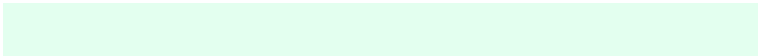
73.7498, 82.6692, 102.7634

Complementary

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



84.8867, 82.6692, 96.2768



83.0211, 94.0841, 95.4491

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.



72.3511, 82.6692, 93.5616



84.8867, 82.6692, 96.2768



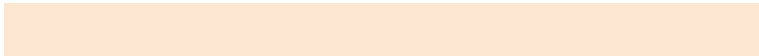
74.3939, 82.6692, 76.6266

Square

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



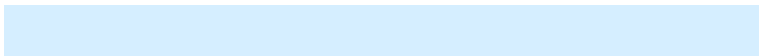
84.8867, 82.6692, 96.2768



80.7324, 82.6692, 73.5228



72.5834, 82.6692, 84.0264



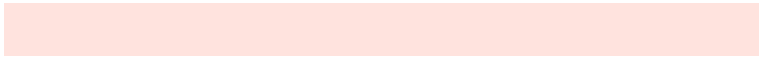
76.4556, 82.6692, 108.8004

Rectangle

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



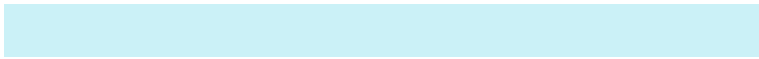
84.8867, 82.6692, 96.2768



84.2997, 82.6692, 80.7905



72.5834, 82.6692, 84.0264



73.1148, 82.6692, 99.9113

Sweetspot

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



84.8886, 82.6726, 96.2786



92.1344, 95.0064, 105.3460



81.0060, 80.4548, 105.8676



19.5576, 20.0567, 22.3480



0.0000, 0.0000, 0.0000



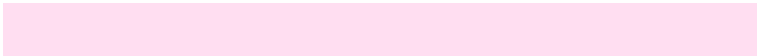
20.3446, 21.4041, 23.3091

Same Dimension

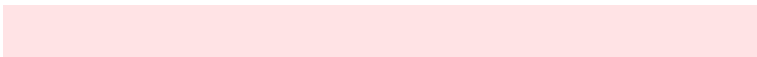
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.8886, 82.6726, 96.2786



83.1675, 79.7613, 94.0681



82.9009, 81.8775, 85.8116



18.4444, 18.1611, 20.9571



24.3242, 12.2190, 15.6234



2.4231, 1.2116, 1.8096

Inverse Universe

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



84.8886, 82.6726, 96.2786



83.1675, 79.7613, 94.0681



85.1171, 94.9225, 106.4865



18.4444, 18.1611, 20.9571



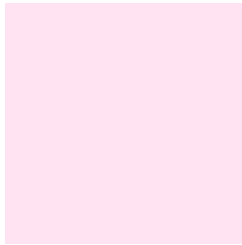
24.3242, 12.2190, 15.6234



2.4231, 1.2116, 1.8096

Previews

White Background



This preview shows how the XYZ color 84.8867, 82.6692, 96.2768 looks on a white background.

Color Contrast Check

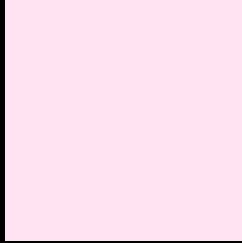
Large Text (above 18pt) WCAG AA × Fail

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 84.8867, 82.6692, 96.2768 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

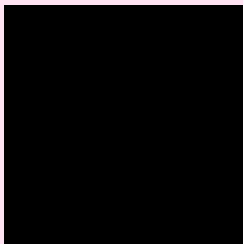
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 84.8867, 82.6692, 96.2768

Background



This preview shows how black text looks on a background with the XYZ color 84.8867, 82.6692, 96.2768.



This preview shows how white text looks on a background with the XYZ color 84.8867, 82.6692,

96.2768.

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

84.8867, 82.6692, 96.2768

Protanopia

80.1884, 82.6554, 99.7234

Deuteranopia

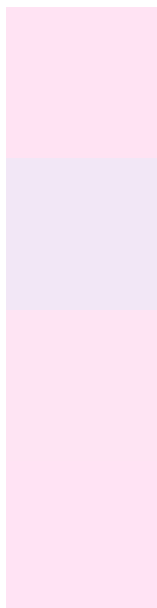
84.7941, 83.0287, 96.3510



Tritanopia

85.0382, 82.7298, 97.0744

Trichromacy



Original Color

84.8867, 82.6692, 96.2768

Protanomaly

81.8284, 82.6829, 98.8354

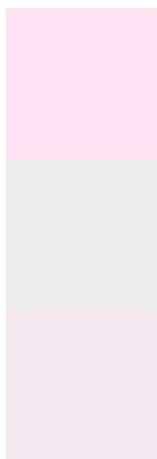
Deuteranomaly

84.7941, 83.0287, 96.3510

Tritanomaly

85.0382, 82.7298, 97.0744

Monochromacy



Original Color

84.8867, 82.6692, 96.2768

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

82.0271, 83.7429, 93.5021

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.8867, 82.6692, 96.2768 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, 227, 243)` looks like.

```
.text, #text, p{  
    color:rgb(255, 227, 243)  
}
```

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, 227, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 227, 243) }
```

Border

The CSS property to change the border of an element to XYZ 84.8867, 82.6692, 96.2768 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, 227, 243) }
```


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

```
.border{ border-color:rgb(255, 227, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 227, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 227, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 227, 243);  
box-shadow:4px 4px 4px 4px rgb(255, 227,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 84.8867, 82.6692, 96.2768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 227, 243) }
```

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

```
.background{ background-color: rgb(255,  
227, 243) }
```

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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