

Converting Colors

XYZ(105.9601, 93.8553,
92.5255)

Have a look what the booklet for
XYZ(105.9601, 93.8553, 92.5255)
contains.

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Color

**XYZ(84.2695, 82.8612,
91.6731)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE4ED
RGB	255, 228, 237
RGB Percent	100%, 89%, 93%
CMY	0.0000, 0.1059, 0.0706
CMYK	0.00, 0.11, 0.07, 0.00
HSL	340°, 100%, 95%
HSV	340°, 11%, 100%
XYZ	84.2695, 82.8612, 91.6731
YIQ	237.0990, 13.2030, 8.5230

Conversions

Conversions Part 2

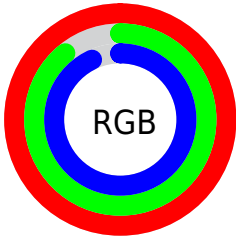
Format	Color
RYB	255, 228, 237
Decimal	16770285
CIELab	92.95, 10.71, -1.00
CIELCh	93, 10.757, 354.656
Yxy	82.8612, 0.3256, 0.3202
Android (android.graphics.Color)	4294960365 (0xFFFFE4ED)
YUV	237.0990, -0.0488, 15.6992
Hunter-Lab	91.0281, 5.9476, 4.0096

Details

The XYZ color **84.2695, 82.8612, 91.6731** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **84.3920, 94.6690, 101.0173**, and the grayscale version is **80.5674, 84.7632, 92.3071**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.5728, 45.2291, 49.9915** is the 20% darker color. If you saturate the color by 10%, you get **75.3976, 68.9061, 77.0360**, and if you desaturate by 10%, it is **94.4152, 98.9864, 107.8992**.

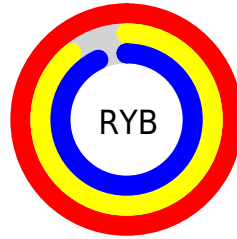
Distribution



Red (100%)

Green (89%)

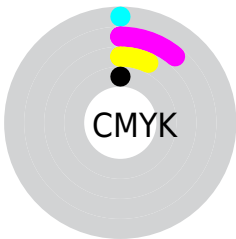
Blue (93%)



Red (100%)

Yellow (89%)

Blue (93%)

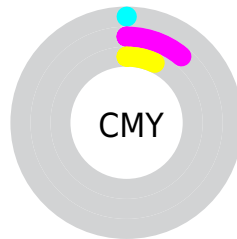


Cyan (0%)

Magenta (11%)

Yellow (7%)

Black (0%)



Cyan (0%)


Magenta (11%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.2695, 82.8612, 91.6731 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 84.2695, 82.8612, 91.6731 by changing the saturation by 10% instead.


 84.2695, 82.8612,
91.6731

 84.2695, 82.8612,
91.6731


497.7279,
504.5238, 554.1684

 63.5584, 62.0757,
68.7876

138.2714,
137.3810, 151.6160

 46.5535, 45.0938,
50.0681


172.2930,
171.8841, 189.5105

 32.8893, 31.5313,
35.0959


211.4820,
211.7285, 233.2451

 22.2004, 21.0038,
23.4526

256.2040,
257.2986, 283.2383

 14.1217, 13.1268,
14.7197

306.8242,
308.9788, 339.9087

 8.2876, 7.5159,
8.4784

363.7080,

 4.3329, 3.7868,

367.1535, 403.6749

4.3105

427.2208,
432.2070, 474.9552

■ 1.8921, 1.5550,
1.7972

■ 0.5723, 0.3270,
0.4261

■ 84.2695, 82.8612,
91.6731

■ 84.2695, 82.8612,
91.6731

■ 75.3976, 68.9061,
77.0360

94.4152, 98.9864,
107.8992

■ 67.7425, 57.0183,
63.9333

95.0500, 100.0000,
108.9000

■ 61.2506, 47.1014,
52.3147

■ 55.8623, 39.0475,
42.1252

■ 51.5126, 32.7384,
33.3058

■ 48.1288, 28.0419,
25.7933

■ 45.6288, 24.8069,
19.5185

■ 43.9149, 22.8528,
14.4042

■ 42.8788, 21.9155,
10.5598

Harmonies

Analogous

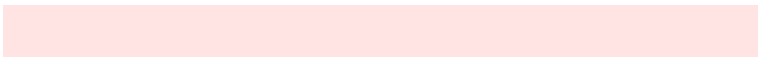
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.2547, 82.8612, 99.4885



84.2695, 82.8612, 91.6731



83.7789, 82.8612, 83.9090

Triad

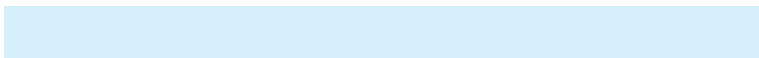
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.2695, 82.8612, 91.6731



76.5208, 82.8612, 76.8554



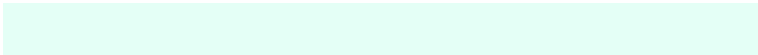
75.6676, 82.8612, 103.4647

Complementary

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



84.2695, 82.8612, 91.6731



84.3920, 94.6690, 101.0173

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.



73.9401, 82.8612, 96.8435



84.2695, 82.8612, 91.6731



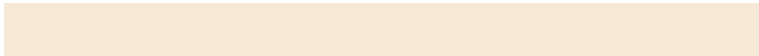
74.4244, 82.8612, 81.5490

Square

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



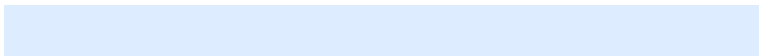
84.2695, 82.8612, 91.6731



79.2622, 82.8612, 75.6524



73.4905, 82.8612, 88.7858



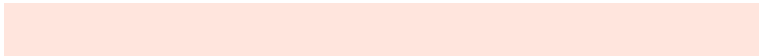
78.2541, 82.8612, 106.5509

Rectangle

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



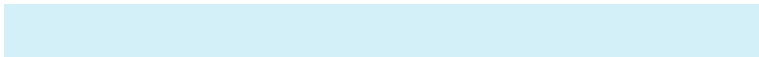
84.2695, 82.8612, 91.6731



82.6700, 82.8612, 79.7603



73.4905, 82.8612, 88.7858



74.9696, 82.8612, 101.5602

Sweetspot

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



84.2713, 82.8646, 91.6748



91.8474, 94.8916, 103.8348



83.8017, 82.3032, 106.0770



19.4802, 20.0258, 21.9405



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

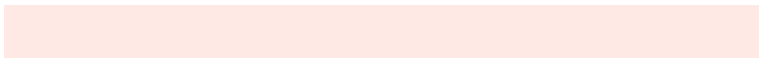
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.2713, 82.8646, 91.6748



82.0147, 79.3002, 87.9976



84.2434, 84.8597, 85.3425



18.2590, 18.0869, 19.9812



22.4666, 11.4759, 5.8417



2.2358, 1.1367, 0.8230

Inverse Universe

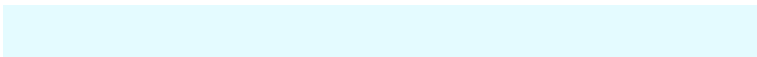
The Inverse Universe completely reimagines the original color for something new.



84.2713, 82.8646, 91.6748



82.0147, 79.3002, 87.9976



84.3883, 92.3979, 107.9946



18.2590, 18.0869, 19.9812



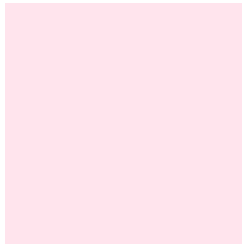
22.4666, 11.4759, 5.8417



2.2358, 1.1367, 0.8230

Previews

White Background



This preview shows how the XYZ color 84.2695, 82.8612, 91.6731 looks on a white background.

Color Contrast Check

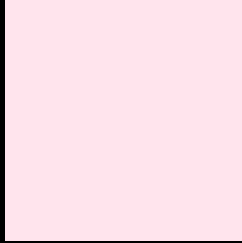
Large Text (above 18pt) WCAG AA × Fail

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 84.2695, 82.8612, 91.6731 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

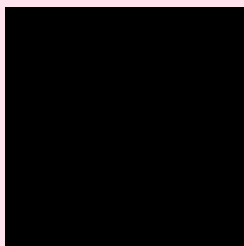
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 84.2695, 82.8612, 91.6731

Background



This preview shows how black text looks on a background with the XYZ color 84.2695, 82.8612, 91.6731.



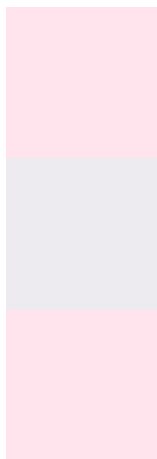
This preview shows how white text looks on a background with the XYZ color 84.2695, 82.8612,

91.6731.

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

84.2695, 82.8612, 91.6731

Protanopia

80.0760, 83.1414, 94.2655

Deuteranopia

84.2695, 82.8612, 91.6731



Tritanopia

85.0382, 82.7298, 97.0744

Trichromacy



Original Color

84.2695, 82.8612, 91.6731

Protanomaly

81.7448, 83.1783, 93.4080

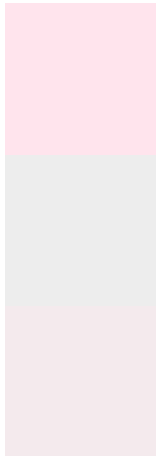
Deuteranomaly

84.2695, 82.8612, 91.6731

Tritanomaly

84.5863, 82.5490, 94.6945

Monochromacy



Original Color

84.2695, 82.8612, 91.6731

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

82.0171, 84.1932, 92.0489

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.2695, 82.8612, 91.6731 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, 228, 237) looks like.

```
.text, #text, p{  
    color:rgb(255, 228, 237)  
}
```

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, 228, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 228, 237) }
```

Border

The CSS property to change the border of an element to XYZ 84.2695, 82.8612, 91.6731 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, 228, 237) }
```


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

```
.border{ border-color:rgb(255, 228, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 228, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 228, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 228, 237);  
box-shadow:4px 4px 4px 4px rgb(255, 228,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 84.2695, 82.8612, 91.6731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 228, 237) }
```

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

```
.background{ background-color: rgb(255,  
228, 237) }
```

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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