

Converting Colors

XYZ(84.9832, 82.6636, 96.9210)

Have a look what the booklet for
XYZ(84.9832, 82.6636, 96.9210)
contains.

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Color

**XYZ(85.0382, 82.7298,
97.0744)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE3F4
RGB	255, 227, 244
RGB Percent	100%, 89%, 96%
CMY	0.0000, 0.1098, 0.0431
CMYK	0.00, 0.11, 0.04, 0.00
HSL	324°, 100%, 95%
HSV	324°, 11%, 100%
XYZ	85.0382, 82.7298, 97.0744
YIQ	237.3100, 11.2310, 11.2230

Conversions

Conversions Part 2

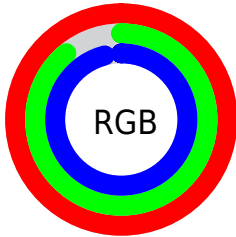
Format	Color
R _Y B	255, 227, 244
Decimal	16770036
CIE _{Lab}	92.90, 12.42, -4.74
CIE _{LCh}	93, 13.289, 339.105
Y _{xy}	82.7298, 0.3211, 0.3124
Android (android.graphics.Color)	4294960116 (0xFFFFE3F4)
Y _{UV}	237.3100, 3.2982, 15.5141
Hunter-Lab	90.9559, 7.7137, 0.3908

Details

The XYZ color **85.0382, 82.7298, 97.0744** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82.8737, 94.0252, 94.6731**, and the grayscale version is **80.7061, 84.9091, 92.4660**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.1183, 45.1417, 53.8068** is the 20% darker color. If you saturate the color by 10%, you get **77.0936, 69.2091, 87.1245**, and if you desaturate by 10%, it is **94.1021, 98.3560, 107.8077**.

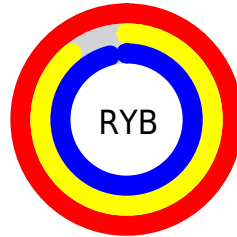
Distribution



Red (100%)

Green (89%)

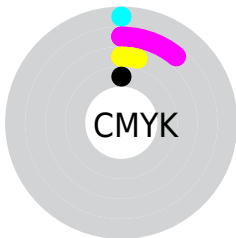
Blue (96%)



Red (100%)

Yellow (89%)

Blue (96%)

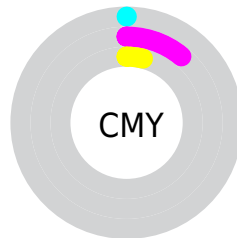


Cyan (0%)

Magenta (11%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (11%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.0382, 82.7298, 97.0744 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 85.0382, 82.7298, 97.0744 by changing the saturation by 10% instead.


 85.0382, 82.7298,
97.0744

 85.0382, 82.7298,
97.0744


500.2362,
504.0856, 571.9379

 64.1955, 61.9673,
73.2563


139.3403,
137.1970, 159.1475

 47.0713, 45.0063,
53.6925


173.5305,
171.6704, 198.2396

 33.3002, 31.4624,
37.9643


212.9005,
211.4829, 243.2601

 22.5169, 20.9512,
25.6534

257.8157,
257.0189, 294.6276

 14.3559, 13.0883,
16.3411

308.6416,
308.6628, 352.7606

 8.4520, 7.4894,
9.6089

365.7434,

 4.4397, 3.7700,

366.7989, 418.0776

5.0382

429.4865,
431.8117, 490.9972

■ 1.9538, 1.5458,
2.2106

■ 0.6078, 0.3206,
0.6805

■ 85.0382, 82.7298,
97.0744

■ 85.0382, 82.7298,
97.0744

■ 77.0936, 69.2091,
87.1245

94.1021, 98.3560,
107.8077

■ 70.2162, 57.6929,
77.9307

95.0500, 100.0000,
108.9000

■ 64.3579, 48.0868,
69.4716

■ 59.4647, 40.2849,
61.7226

■ 55.4773, 34.1708,
54.6567

■ 52.3294, 29.6144,
48.2450

■ 49.9452, 26.4665,
42.4548

■ 48.2341, 24.5480,
37.2483

■ 47.1408, 23.6203,
33.0031

Harmonies

Analogous

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



82.9204, 82.7298, 105.7517



85.0382, 82.7298, 97.0744



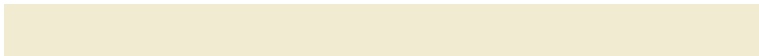
85.4129, 82.7298, 87.0858

Triad

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



85.0382, 82.7298, 97.0744



77.5801, 82.7298, 72.4814



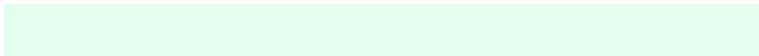
73.5625, 82.7298, 102.6897

Complementary

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



85.0382, 82.7298, 97.0744



82.8737, 94.0252, 94.6731

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.



72.2202, 82.7298, 93.1394



85.0382, 82.7298, 97.0744



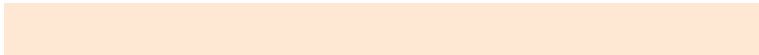
74.4944, 82.7298, 76.0362

Square

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



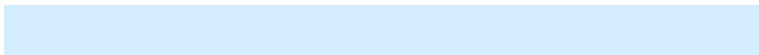
85.0382, 82.7298, 97.0744



81.0384, 82.7298, 73.3648



72.5563, 82.7298, 83.4274



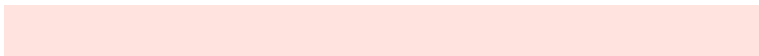
76.2741, 82.7298, 109.1559

Rectangle

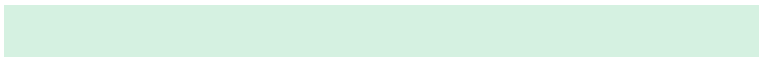
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.0382, 82.7298, 97.0744



84.6132, 82.7298, 81.0916



72.5563, 82.7298, 83.4274



72.9399, 82.7298, 99.7064

Sweetspot

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



85.0401, 82.7331, 97.0762



92.1777, 95.0237, 105.5740



80.6923, 80.2930, 105.8529



19.5693, 20.0614, 22.4095



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

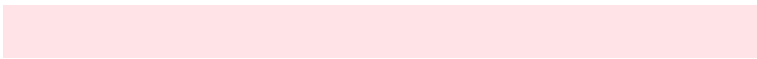
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.0401, 82.7331, 97.0762



83.3448, 79.8323, 95.0018



83.0319, 81.9299, 86.5010



18.4727, 18.1724, 21.1062



24.7076, 12.3723, 17.6426



2.4594, 1.2262, 2.0008

Inverse Universe

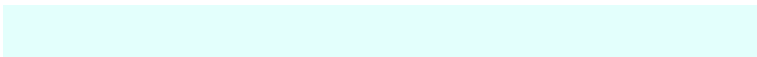
The Inverse Universe completely reimagines the original color for something new.



85.0401, 82.7331, 97.0762



83.3448, 79.8323, 95.0018



84.9690, 94.8633, 105.7067



18.4727, 18.1724, 21.1062



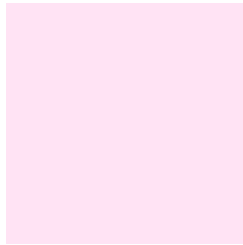
24.7076, 12.3723, 17.6426



2.4594, 1.2262, 2.0008

Previews

White Background



This preview shows how the XYZ color 85.0382, 82.7298, 97.0744 looks on a white background.

Color Contrast Check

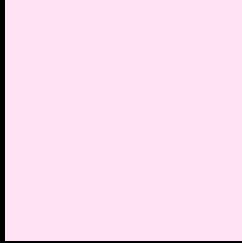
Large Text (above 18pt) WCAG AA × Fail

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 85.0382, 82.7298, 97.0744 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

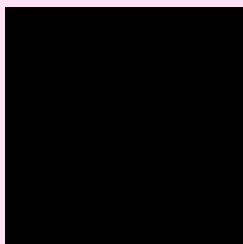
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 85.0382, 82.7298, 97.0744

Background



This preview shows how black text looks on a background with the XYZ color 85.0382, 82.7298, 97.0744.



This preview shows how white text looks on a background with the XYZ color 85.0382, 82.7298,

97.0744.

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

85.0382, 82.7298, 97.0744

Protanopia

80.3431, 82.7173, 100.5384

Deuteranopia

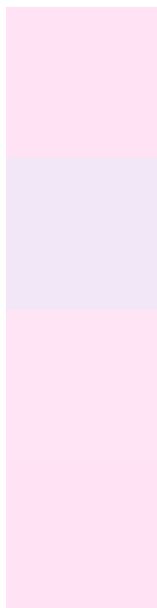
84.5805, 82.9011, 97.1316



Tritanopia

85.1905, 82.7907, 97.8764

Trichromacy



Original Color

85.0382, 82.7298, 97.0744

Protanomaly

81.9824, 82.7445, 99.6460

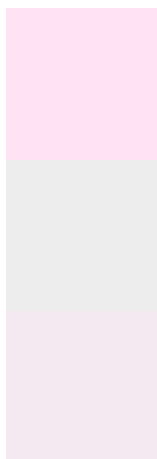
Deuteranomaly

84.9456, 83.0893, 97.1487

Tritanomaly

85.1905, 82.7907, 97.8764

Monochromacy



Original Color

85.0382, 82.7298, 97.0744

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

82.1753, 83.8022, 94.2824

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.0382, 82.7298, 97.0744 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, 244) looks like.

```
.text, #text, p{  
    color:rgb(255, 227, 244)  
}
```

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, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 227, 244) }
```

Border

The CSS property to change the border of an element to XYZ 85.0382, 82.7298, 97.0744 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, 244) }
```


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

```
.border{ border-color:rgb(255, 227, 244) }
```

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, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 227, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 227, 244);  
box-shadow:4px 4px 4px 4px rgb(255, 227,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 85.0382, 82.7298, 97.0744 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, 244) }
```

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

```
.background{ background-color: rgb(255,  
227, 244) }
```

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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