

Converting Colors

XYZ(83.2465, 81.9913, 87.7067)

Have a look what the booklet for
XYZ(83.2465, 81.9913, 87.7067)
contains.

XYZ(83.2746, 82.0244, 87.7872)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(83.2746, 82.0244,
87.7872)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE3E8
RGB	255, 227, 232
RGB Percent	100%, 89%, 91%
CMY	0.0000, 0.1098, 0.0902
CMYK	0.00, 0.11, 0.09, 0.00
HSL	349°, 100%, 95%
HSV	349°, 11%, 100%
XYZ	83.2746, 82.0244, 87.7872
YIQ	235.9420, 15.0830, 7.4910

Conversions

Conversions Part 2

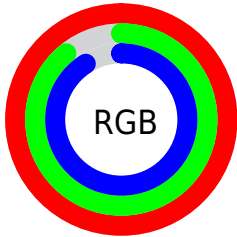
Format	Color
R _Y B	255, 227, 232
Decimal	16770024
CIE Lab	92.59, 10.40, 1.07
CIE LCh	93, 10.454, 5.878
Yxy	82.0244, 0.3290, 0.3241
Android (android.graphics.Color)	4294960104 (0xFFFFE3E8)
YUV	235.9420, -1.9434, 16.7139
Hunter-Lab	90.5673, 5.6339, 5.9271

Details

The XYZ color **83.2746, 82.0244, 87.7872** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **84.6965, 94.7543, 104.2716**, and the grayscale version is **79.6925, 83.8427, 91.3047**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.8777, 44.6454, 47.2737** is the 20% darker color. If you saturate the color by 10%, you get **74.0092, 67.9754, 70.8821**, and if you desaturate by 10%, it is **93.9314, 98.2878, 106.9084**.

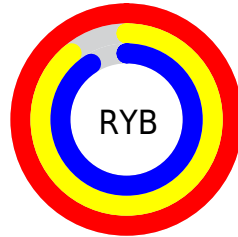
Distribution



Red (100%)

Green (89%)

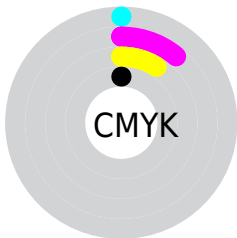
Blue (91%)



Red (100%)

Yellow (89%)

Blue (91%)

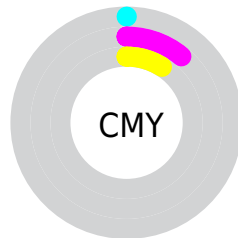


Cyan (0%)

Magenta (11%)

Yellow (9%)

Black (0%)



Cyan (0%)

Magenta (11%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.2746, 82.0244, 87.7872 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 83.2746, 82.0244, 87.7872 by changing the saturation by 10% instead.


 83.2746, 82.0244,
87.7872

 83.2746, 82.0244,
87.7872


494.4713,
501.7293, 541.1893

 62.7344, 61.3856,
65.5835

136.8865,
136.2082, 146.1694

 45.8842, 44.5365,
47.4800


170.6889,
170.5221, 183.1850

 32.3587, 31.0925,
33.0582


209.6428,
210.1631, 225.9749

 21.7925, 20.6693,
21.8996

254.1135,
255.5156, 274.9578

 13.8203, 12.8825,
13.5855

304.4663,
306.9642, 330.5522

 8.0766, 7.3477,
7.6975

361.0667,

 4.1962, 3.6805,

364.8930, 393.1765

3.8170

424.2799,
429.6866, 463.2494

■ 1.8137, 1.4965,
1.5255

■ 0.5259, 0.2862,
0.2368

■ 83.2746, 82.0244,
87.7872

■ 83.2746, 82.0244,
87.7872

■ 74.0092, 67.9754,
70.8821

■ 93.9314, 98.2878,
106.9084

■ 66.0720, 56.0353,
56.1075

■ 95.0500, 100.0000,
108.9000

■ 59.4031, 46.1049,
43.3797

■ 53.9358, 38.0733,
32.6077

■ 49.5973, 31.8188,
23.6931

■ 46.3066, 27.2053,
16.5293

■ 43.9716, 24.0771,
10.9982

■ 42.4835, 22.2478,
6.9663

■ 41.7234, 21.4534,
4.4757

Harmonies

Analogous

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



82.8274, 82.0244, 95.5656



83.2746, 82.0244, 87.7872



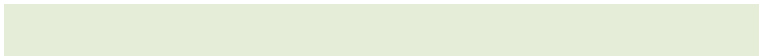
82.2717, 82.0244, 80.8263

Triad

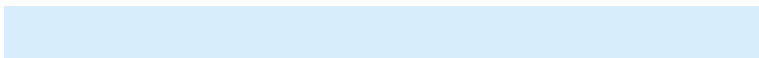
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.2746, 82.0244, 87.7872



74.9400, 82.0244, 77.7283



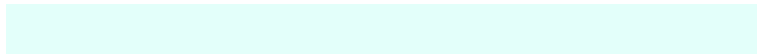
75.8462, 82.0244, 103.6731

Complementary

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



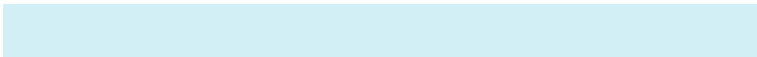
83.2746, 82.0244, 87.7872



84.6965, 94.7543, 104.2716

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.



73.8050, 82.0244, 98.3689



83.2746, 82.0244, 87.7872



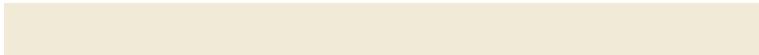
73.2904, 82.0244, 83.3347

Square

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



83.2746, 82.0244, 87.7872



77.4280, 82.0244, 75.2394



72.8798, 82.0244, 90.8516



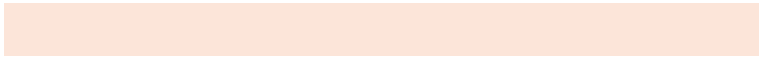
78.4979, 82.0244, 105.0351

Rectangle

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



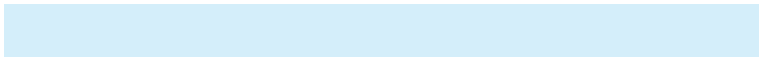
83.2746, 82.0244, 87.7872



80.9291, 82.0244, 77.4888



72.8798, 82.0244, 90.8516



75.0678, 82.0244, 102.2775

Sweetspot

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



83.2765, 82.0278, 87.7889



91.6624, 94.8176, 102.8603



84.8977, 82.4611, 106.0497



19.4304, 20.0059, 21.6783



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

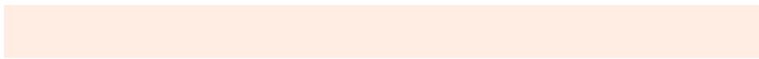
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.2765, 82.0278, 87.7889



81.2925, 79.0113, 84.1944



85.0642, 86.7229, 84.9333



18.1417, 18.0400, 19.3633



21.8394, 11.2250, 2.5387



2.1607, 1.1067, 0.4279

Inverse Universe

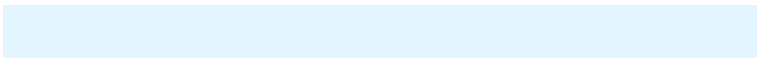
The Inverse Universe completely reimagines the original color for something new.



83.2765, 82.0278, 87.7889



81.2925, 79.0113, 84.1944



82.7274, 89.5457, 107.5316



18.1417, 18.0400, 19.3633



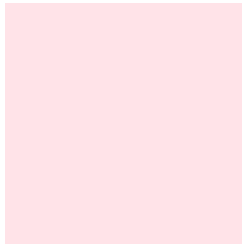
21.8394, 11.2250, 2.5387



2.1607, 1.1067, 0.4279

Previews

White Background



This preview shows how the XYZ color 83.2746, 82.0244, 87.7872 looks on a white background.

Color Contrast Check

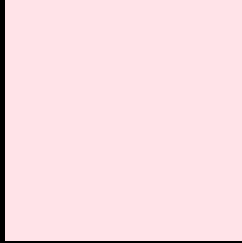
Large Text (above 18pt) WCAG AA × Fail

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 83.2746, 82.0244, 87.7872 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

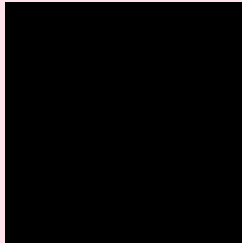
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

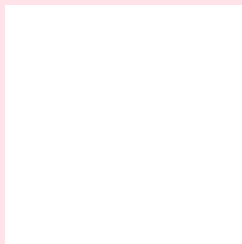
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 83.2746, 82.0244, 87.7872

Background



This preview shows how black text looks on a background with the XYZ color 83.2746, 82.0244, 87.7872.



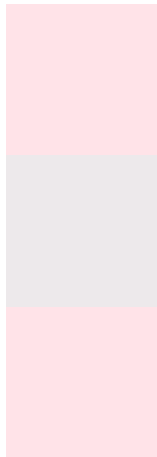
This preview shows how white text looks on a background with the XYZ color 83.2746, 82.0244,

87.7872.

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

83.2746, 82.0244, 87.7872

Protanopia

79.0594, 82.2805, 90.3121

Deuteranopia

83.2746, 82.0244, 87.7872



Tritanopia

84.4634, 82.0635, 95.3925

Trichromacy



Original Color

83.2746, 82.0244, 87.7872

Protanomaly

80.7354, 82.3254, 89.4771

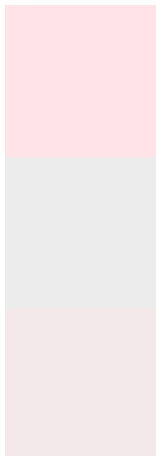
Deuteranomaly

83.2746, 82.0244, 87.7872

Tritanomaly

83.8690, 81.8258, 92.2625

Monochromacy



Original Color

83.2746, 82.0244, 87.7872

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

81.0965, 83.3307, 90.4074

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.2746, 82.0244, 87.7872 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, 232) looks like.

```
.text, #text, p{  
    color:rgb(255, 227, 232)  
}
```

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, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 227, 232) }
```

Border

The CSS property to change the border of an element to XYZ 83.2746, 82.0244, 87.7872 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, 232) }
```


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

```
.border{ border-color:rgb(255, 227, 232) }
```

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, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 227, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 227, 232);  
box-shadow:4px 4px 4px 4px rgb(255, 227,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 83.2746, 82.0244, 87.7872 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, 232) }
```

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

```
.background{ background-color: rgb(255,  
227, 232) }
```

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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