

Converting Colors

XYZ(82.7431, 82.3077, 83.4600)

Have a look what the booklet for
XYZ(82.7431, 82.3077, 83.4600)
contains.

XYZ(82.7109, 82.2378, 83.4657)	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(82.7109, 82.2378,
83.4657)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE4E2
RGB	255, 228, 226
RGB Percent	100%, 89%, 89%
CMY	0.0000, 0.1059, 0.1137
CMYK	0.00, 0.11, 0.11, 0.00
HSL	4°, 100%, 94%
HSV	4°, 11%, 100%
XYZ	82.7109, 82.2378, 83.4657
YIQ	235.8450, 16.7340, 5.1020

Conversions

Conversions Part 2

Format	Color
R _Y B	255, 228, 226
Decimal	16770274
CIE Lab	92.68, 8.91, 4.34
CIE LCh	93, 9.912, 25.960
Yxy	82.2378, 0.3330, 0.3311
Android (android.graphics.Color)	4294960354 (0xFFFFE4E2)
YUV	235.8450, -4.8536, 16.7989
Hunter-Lab	90.6851, 4.1052, 8.9096

Details

The XYZ color **82.7109, 82.2378, 83.4657** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **84.5384, 93.6368, 108.2258**, and the grayscale version is **79.6389, 83.7863, 91.2433**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.5830, 44.8332, 44.7793** is the 20% darker color. If you saturate the color by 10%, you get **73.3809, 68.7672, 64.3573**, and if you desaturate by 10%, it is **93.4617, 97.7165, 105.6172**.

Distribution



Red (100%)

Green (89%)

Blue (89%)



Red (100%)

Yellow (89%)

Blue (89%)



Cyan (0%)

Magenta (11%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (11%)


Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.7109, 82.2378, 83.4657 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 82.7109, 82.2378, 83.4657 by changing the saturation by 10% instead.


 82.7109, 82.2378,
83.4657

 82.7109, 82.2378,
83.4657


492.6210,
502.4428, 526.5489

 62.2678, 61.5616,
62.0316


136.1011,
136.5074, 140.0826

 45.5055, 44.6785,
44.6223

169.7789,
170.8696, 176.1024

 32.0588, 31.2043,
30.8192


208.5990,
210.5626, 217.8212

 21.5622, 20.7545,
20.2039

252.9267,
255.9707, 265.6575

 13.6503, 12.9446,
12.3578

303.1274,
307.4784, 320.0299

 7.9579, 7.3904,
6.8624

359.5665,

 4.1196, 3.7075,

365.4700, 381.3569

3.2990

422.6092,
430.3300, 450.0571

■ 1.7700, 1.5113,
1.2493

■ 0.4995, 0.2967,
0.0197

■ 82.7109, 82.2378,
83.4657

■ 82.7109, 82.2378,
83.4657

■ 73.3809, 68.7672,
64.3573

■ 93.4617, 97.7165,
105.6172

■ 65.4067, 57.2126,
48.1541

95.0500, 100.0000,
108.9000

■ 58.7271, 47.4902,
34.7155

■ 53.2735, 39.5058,
23.8869

■ 48.9711, 33.1568,
15.4987

■ 45.7371, 28.3300,
9.3612

■ 43.4774, 24.8976,
5.2569

■ 42.0814, 22.7110,
2.9249

■ 41.4503, 21.6806,
2.0001

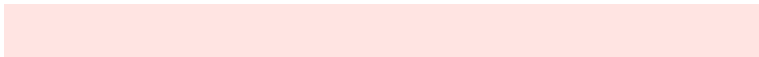
Harmonies

Analogous

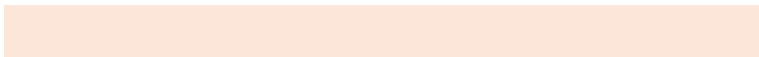
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.2190, 82.2378, 90.5478



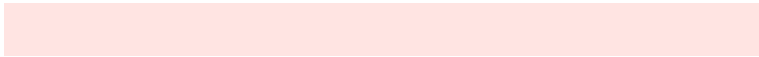
82.7109, 82.2378, 83.4657



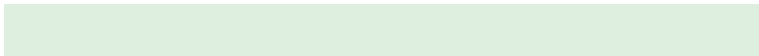
80.9749, 82.2378, 78.2768

Triad

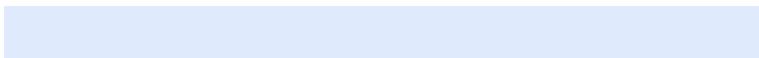
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.7109, 82.2378, 83.4657



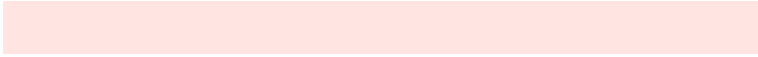
74.1248, 82.2378, 81.8221



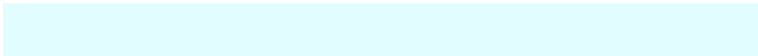
77.8155, 82.2378, 104.4783

Complementary

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



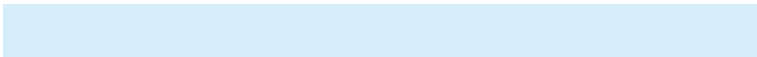
82.7109, 82.2378, 83.4657



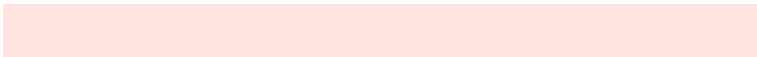
84.5384, 93.6368, 108.2258

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.



75.4200, 82.2378, 101.8414



82.7109, 82.2378, 83.4657



73.3190, 82.2378, 88.5457

Square

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



82.7109, 82.2378, 83.4657



76.0127, 82.2378, 77.3652



73.7880, 82.2378, 95.9083



80.3567, 82.2378, 102.9360

Rectangle

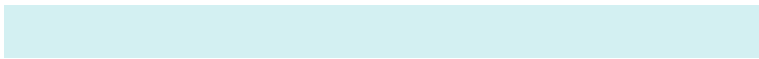
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



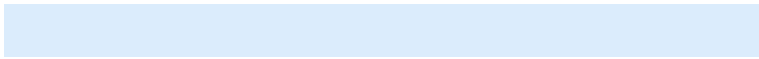
82.7109, 82.2378, 83.4657



79.3744, 82.2378, 76.4532



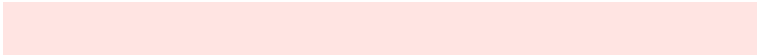
73.7880, 82.2378, 95.9083



76.9671, 82.2378, 104.0476

Sweetspot

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



82.7128, 82.2412, 83.4674



91.6127, 95.0573, 101.7985



86.1771, 82.7497, 104.4146



19.4170, 20.0702, 21.3931



0.0000, 0.0000, 0.0000



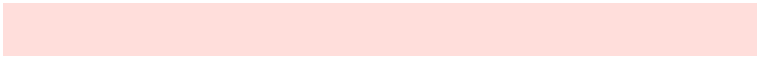
20.3446, 21.4041, 23.3091

Same Dimension

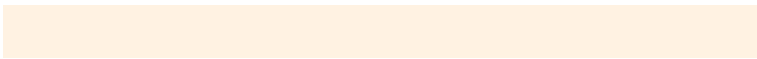
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.7128, 82.2412, 83.4674



80.1253, 78.5095, 78.1559



86.8492, 90.5140, 84.8462



18.1102, 18.1885, 18.7006



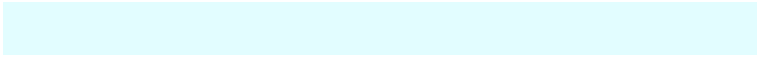
21.6955, 11.4023, 1.0574



2.1460, 1.1773, 0.1141

Inverse Universe

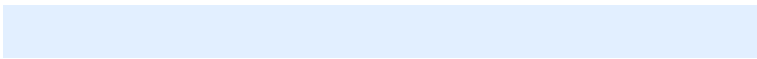
The Inverse Universe completely reimagines the original color for something new.



84.5384, 93.6368, 108.2258



82.3316, 92.2823, 108.0807



80.1546, 84.8691, 106.7645



18.4411, 20.2537, 23.1874



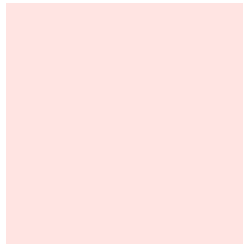
25.3580, 35.6256, 54.9745



2.5000, 3.5307, 5.3630

Previews

White Background



This preview shows how the XYZ color 82.7109, 82.2378, 83.4657 looks on a white background.

Color Contrast Check

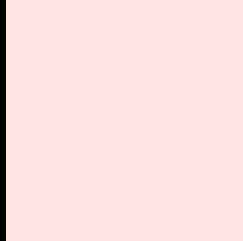
Large Text (above 18pt) WCAG AA × Fail

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 82.7109, 82.2378, 83.4657 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

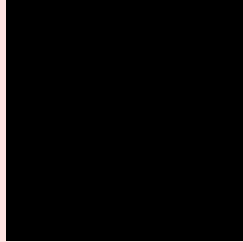
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

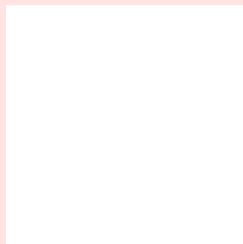
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.7109, 82.2378, 83.4657

Background



This preview shows how black text looks on a background with the XYZ color 82.7109, 82.2378, 83.4657.



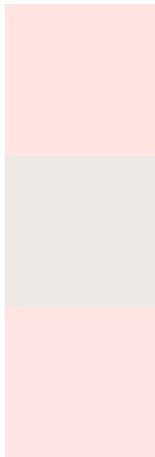
This preview shows how white text looks on a background with the XYZ color 82.7109, 82.2378,

83.4657.

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

82.7109, 82.2378, 83.4657

Protanopia

78.8784, 82.2857, 85.8541

Deuteranopia

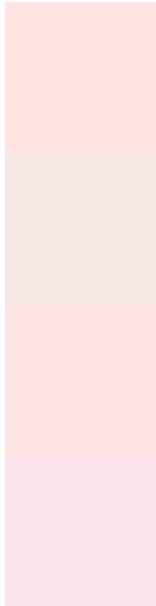
82.9870, 82.3482, 84.9197



Tritanopia

84.4634, 82.0635, 95.3925

Trichromacy



Original Color

82.7109, 82.2378, 83.4657

Protanomaly

80.2357, 82.1657, 85.0295

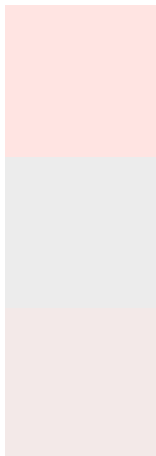
Deuteranomaly

82.8485, 82.2929, 84.1906

Tritanomaly

83.8494, 82.2543, 90.8142

Monochromacy



Original Color

82.7109, 82.2378, 83.4657

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

80.6665, 83.1587, 88.1436

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.7109, 82.2378, 83.4657 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, 226) looks like.

```
.text, #text, p{  
    color:rgb(255, 228, 226)  
}
```

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, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 228, 226) }
```

Border

The CSS property to change the border of an element to XYZ 82.7109, 82.2378, 83.4657 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, 226) }
```


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

```
.border{ border-color:rgb(255, 228, 226) }
```

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, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 228, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 228, 226);  
box-shadow:4px 4px 4px 4px rgb(255, 228,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 82.7109, 82.2378, 83.4657 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, 226) }
```

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

```
.background{ background-color: rgb(255,  
228, 226) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor