

Converting Colors

XYZ(82.1698, 82.3615, 79.5678)

Have a look what the booklet for
XYZ(82.1698, 82.3615, 79.5678)
contains.

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Color

**XYZ(82.1776, 82.4659,
79.2964)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE5DC
RGB	255, 229, 220
RGB Percent	100%, 90%, 86%
CMY	0.0000, 0.1019, 0.1372
CMYK	0.00, 0.10, 0.14, 0.00
HSL	15°, 100%, 93%
HSV	15°, 14%, 100%
XYZ	82.1776, 82.4659, 79.2964
YIQ	235.7480, 18.3850, 2.7130

Conversions

Conversions Part 2

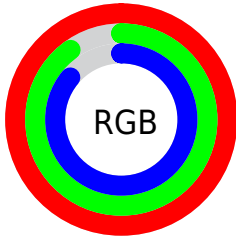
Format	Color
R _Y B	255, 232, 220
Decimal	16770524
CIE Lab	92.78, 7.45, 7.61
CIE LCh	93, 10.651, 45.613
Yxy	82.4659, 0.3369, 0.3381
Android (android.graphics.Color)	4294960604 (0xFFFFE5DC)
YUV	235.7480, -7.7638, 16.8840
Hunter-Lab	90.8107, 2.6117, 11.7952

Details

The XYZ color **82.1776, 82.4659, 79.2964** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.5201, 88.3447, 107.4161**, and the grayscale version is **79.5854, 83.7300, 91.1820**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.2163, 44.9945, 41.8990** is the 20% darker color. If you saturate the color by 10%, you get **74.0971, 71.3038, 61.1925**, and if you desaturate by 10%, it is **91.3487, 94.9845, 100.3075**.

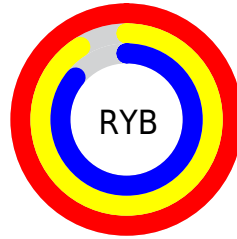
Distribution



Red (100%)

Green (90%)

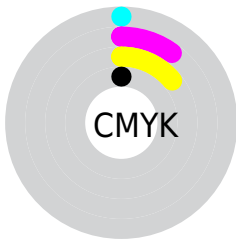
Blue (86%)



Red (100%)

Yellow (91%)

Blue (86%)

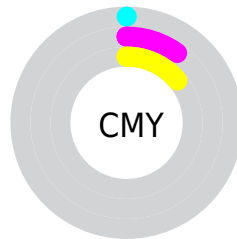


Cyan (0%)

Magenta (10%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (10%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.1776, 82.4659, 79.2964 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 82.1776, 82.4659, 79.2964 by changing the saturation by 10% instead.


 82.1776, 82.4659,
79.2964

 82.1776, 82.4659,
79.2964


490.8671,
503.2048, 512.2026

 61.8265, 61.7496,
58.6168


135.3576,
136.8272, 134.1785

 45.1476, 44.8304,
41.8867


168.9172,
171.2409, 169.2181

 31.7755, 31.3239,
28.6877


207.6103,
210.9894, 209.8813

 21.3448, 20.8456,
18.6012

251.8024,
256.4568, 256.5869

 13.4902, 13.0112,
11.2086

301.8588,
308.0277, 309.7533

 7.8462, 7.4363,
6.0914

358.1448,

 4.0477, 3.7364,

366.0864, 369.7990

2.8310

421.0257,
431.0173, 437.1426

■ 1.7292, 1.5272,
1.0090

■ 0.4744, 0.3078,
0.0000

■ 82.1776, 82.4659,
79.2964

■ 82.1776, 82.4659,
79.2964

■ 74.0971, 71.3038,
61.1925

■ 91.3487, 94.9845,
100.3075

■ 67.0602, 61.4418,
45.8619

95.0500, 100.0000,
108.9000

■ 61.0244, 52.8351,
33.1681

■ 55.9421, 45.4320,
22.9608

■ 51.7617, 39.1774,
15.0744

■ 48.4262, 34.0113,
9.3229

■ 45.8713, 29.8682,
5.4915

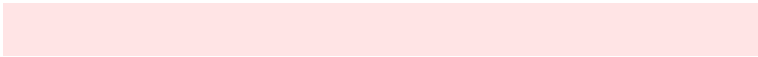
■ 44.0219, 26.6742,
3.3187

■ 43.1653, 25.1106,
2.5718

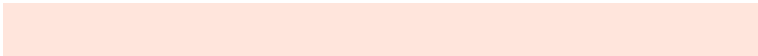
Harmonies

Analogous

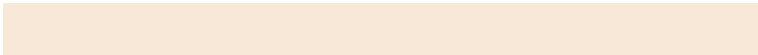
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.6394, 82.4659, 85.7366



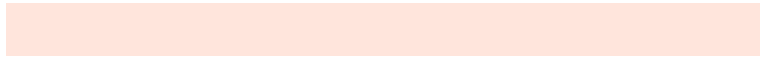
82.1776, 82.4659, 79.2964



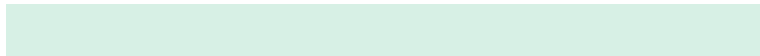
79.7161, 82.4659, 75.7730

Triad

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



82.1776, 82.4659, 79.2964



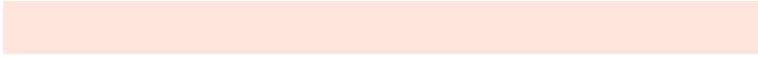
73.3202, 82.4659, 86.0436



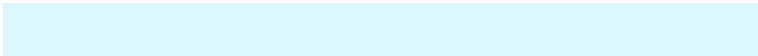
79.8278, 82.4659, 105.3458

Complementary

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



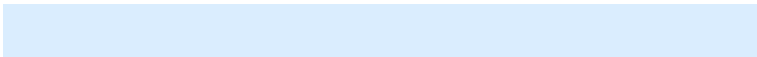
82.1776, 82.4659, 79.2964



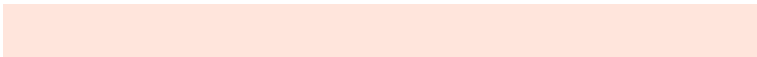
80.5201, 88.3447, 107.4161

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.



77.0616, 82.4659, 105.4400



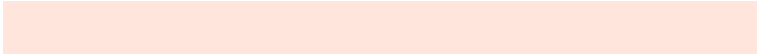
82.1776, 82.4659, 79.2964



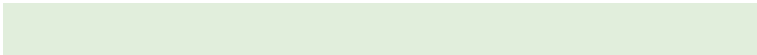
73.3485, 82.4659, 93.9720

Square

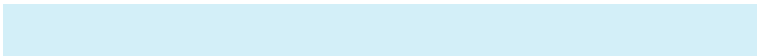
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.1776, 82.4659, 79.2964



74.6256, 82.4659, 79.5096



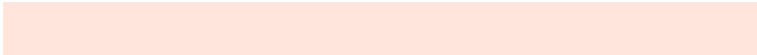
74.7039, 82.4659, 101.1737



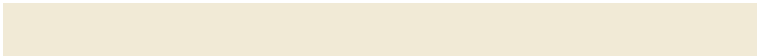
82.2610, 82.4659, 100.9233

Rectangle

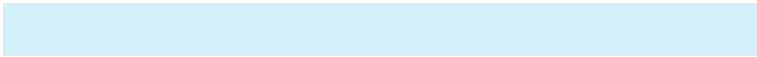
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.1776, 82.4659, 79.2964



77.8601, 82.4659, 75.4107



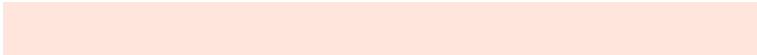
74.7039, 82.4659, 101.1737



78.9050, 82.4659, 105.8930

Sweetspot

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



82.1795, 82.4694, 79.2981



91.0816, 94.6217, 99.6895



83.5067, 79.1165, 98.2602



19.3398, 20.0418, 20.9785



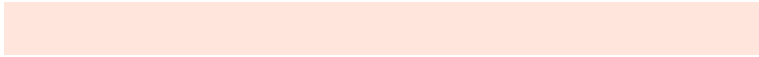
0.0000, 0.0000, 0.0000



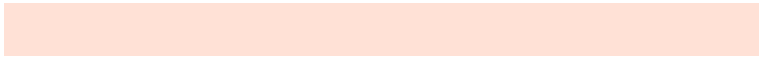
20.3446, 21.4041, 23.3091

Same Dimension

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



82.1795, 82.4694, 79.2981



80.2466, 79.8120, 74.9281



87.1905, 92.4914, 80.9685



18.3892, 18.7466, 18.7936



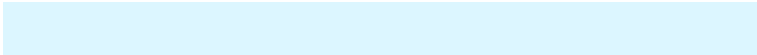
22.6557, 13.3226, 1.3774



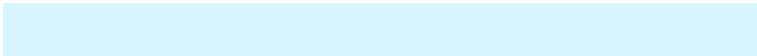
2.2894, 1.4642, 0.1620

Inverse Universe

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



80.5201, 88.3447, 107.4161



78.3422, 86.5507, 107.1846



75.5162, 78.3369, 105.7482



18.1361, 19.6437, 23.0857



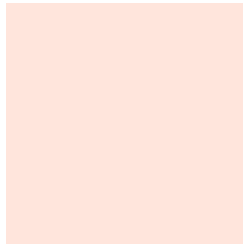
19.1112, 23.1320, 52.8922



1.9488, 2.4283, 5.1793

Previews

White Background



This preview shows how the XYZ color 82.1776, 82.4659, 79.2964 looks on a white background.

Color Contrast Check

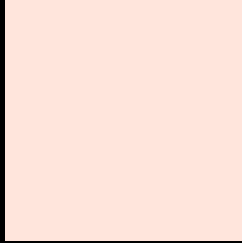
Large Text (above 18pt) WCAG AA × Fail

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 82.1776, 82.4659, 79.2964 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

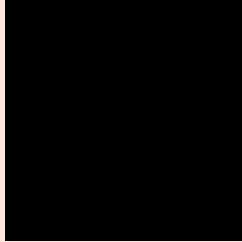
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

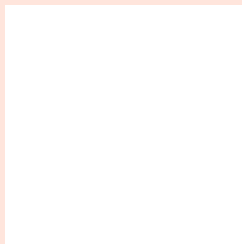
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.1776, 82.4659, 79.2964

Background



This preview shows how black text looks on a background with the XYZ color 82.1776, 82.4659, 79.2964.



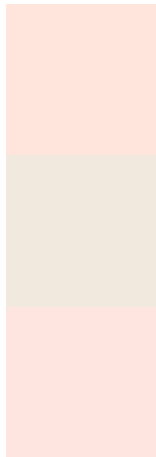
This preview shows how white text looks on a background with the XYZ color 82.1776, 82.4659,

79.2964.

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

82.1776, 82.4659, 79.2964

Protanopia

78.5994, 82.2525, 80.8409

Deuteranopia

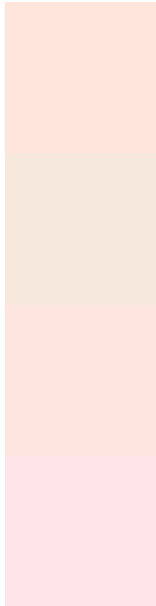
82.7139, 82.6804, 82.1204



Tritanopia

84.7361, 82.6090, 95.4835

Trichromacy



Original Color

82.1776, 82.4659, 79.2964

Protanomaly

79.9138, 82.5265, 80.1239

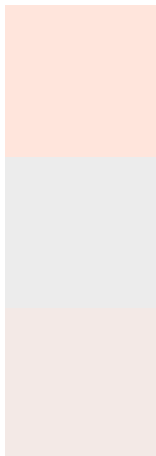
Deuteranomaly

82.5786, 82.6263, 81.4082

Tritanomaly

83.8347, 82.6873, 89.3836

Monochromacy



Original Color

82.1776, 82.4659, 79.2964

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

80.3840, 83.0457, 86.6556

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.1776, 82.4659, 79.2964 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, 229, 220) looks like.

```
.text, #text, p{  
    color:rgb(255, 229, 220)  
}
```

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, 229, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 229, 220) }
```

Border

The CSS property to change the border of an element to XYZ 82.1776, 82.4659, 79.2964 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, 229, 220) }
```


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

```
.border{ border-color:rgb(255, 229, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 229, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 229, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 229, 220);  
box-shadow:4px 4px 4px 4px rgb(255, 229,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 82.1776, 82.4659, 79.2964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 229, 220) }
```

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

```
.background{ background-color: rgb(255,  
229, 220) }
```

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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