

Converting Colors

XYZ(116.8932, 100.0000,
82.7793)

Have a look what the booklet for
XYZ(116.8932, 100.0000, 82.7793)
contains.

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Color

**XYZ(82.3027, 82.0745,
81.3162)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE4DF
RGB	255, 228, 223
RGB Percent	100%, 89%, 87%
CMY	0.0000, 0.1059, 0.1255
CMYK	0.00, 0.11, 0.13, 0.00
HSL	9°, 100%, 94%
HSV	9°, 13%, 100%
XYZ	82.3027, 82.0745, 81.3162
YIQ	235.5030, 17.6970, 4.1690

Conversions

Conversions Part 2

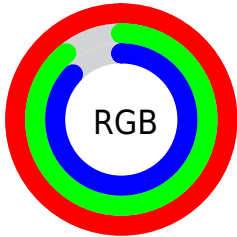
Format	Color
RYP	255, 229, 223
Decimal	16770271
CIE Lab	92.61, 8.44, 5.80
CIE LCh	93, 10.237, 34.511
Yxy	82.0745, 0.3350, 0.3341
Android (android.graphics.Color)	4294960351 (0xFFFFE4DF)
YUV	235.5030, -6.1640, 17.0989
Hunter-Lab	90.5950, 3.6204, 10.1990

Details

The XYZ color **82.3027, 82.0745, 81.3162** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82.6662, 91.2767, 107.8689**, and the grayscale version is **79.3868, 83.5211, 90.9544**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.3002, 44.7201, 43.2900** is the 20% darker color. If you saturate the color by 10%, you get **73.5661, 69.6952, 62.7004**, and if you desaturate by 10%, it is **92.2972, 96.1405, 102.9079**.

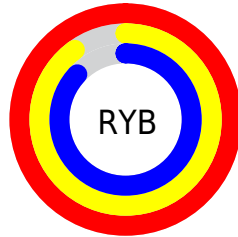
Distribution



Red (100%)

Green (89%)

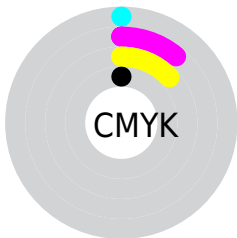
Blue (87%)



Red (100%)

Yellow (90%)

Blue (87%)

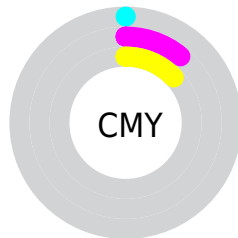


Cyan (0%)

Magenta (11%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (11%)


Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.3027, 82.0745, 81.3162 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 82.3027, 82.0745, 81.3162 by changing the saturation by 10% instead.


 82.3027, 82.0745,
81.3162

 82.3027, 82.0745,
81.3162


491.2788,
501.8969, 519.1808

 61.9300, 61.4269,
60.2695

135.5320,
136.2785, 137.0427

 45.2316, 44.5698,
43.2092

169.1194,
170.6037, 172.5597

 31.8419, 31.1187,
29.7167


207.8424,
210.2569, 213.7371

 21.3957, 20.6893,
19.3734

252.0663,
255.6225, 260.9936

 13.5277, 12.8971,
11.7609

302.1566,
307.0849, 314.7477

 7.8724, 7.3577,
6.4605

358.4785,

 4.0645, 3.6868,

365.0285, 375.4179

3.0538

421.3975,
429.8377, 443.4227

■ 1.7387, 1.4999,
1.1222

■ 0.4803, 0.2887,
0.0000

■ 82.3027, 82.0745,
81.3162

■ 82.3027, 82.0745,
81.3162

■ 73.5661, 69.6952,
62.7004

■ 92.2972, 96.1405,
102.9079

■ 66.0318, 58.9291,
46.9248

95.0500, 100.0000,
108.9000

■ 59.6483, 49.7127,
33.8509

■ 54.3581, 41.9741,
23.3265

■ 50.0987, 35.6360,
15.1844

■ 46.8012, 30.6135,
9.2369

■ 44.3877, 26.8127,
5.2685

■ 42.7674, 24.1267,
3.0190

■ 41.9948, 22.7696,
2.1816

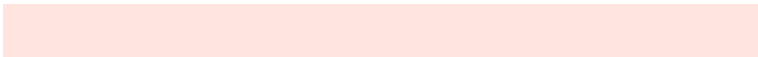
Harmonies

Analogous

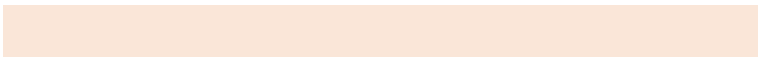
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.2230, 82.0745, 88.2175



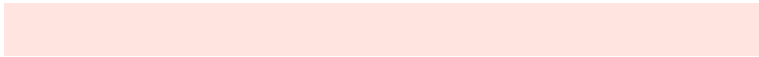
82.3027, 82.0745, 81.3162



80.2324, 82.0745, 76.7778

Triad

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



82.3027, 82.0745, 81.3162



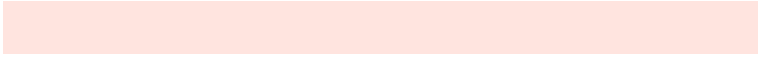
73.4806, 82.0745, 83.2052



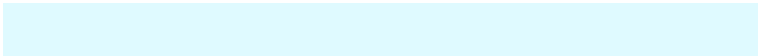
78.4125, 82.0745, 104.7866

Complementary

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



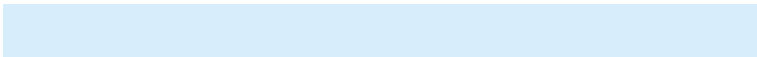
82.3027, 82.0745, 81.3162



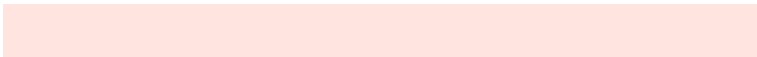
82.6662, 91.2767, 107.8689

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.



75.8277, 82.0745, 103.2582



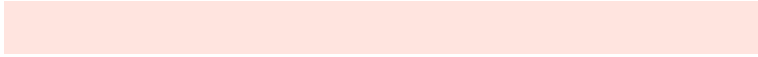
82.3027, 82.0745, 81.3162



73.0181, 82.0745, 90.5227

Square

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



82.3027, 82.0745, 81.3162



75.1458, 82.0745, 77.8241



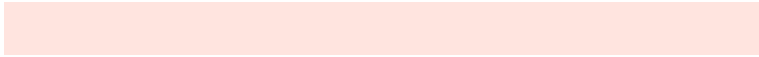
73.8680, 82.0745, 97.9285



80.9448, 82.0745, 101.9943

Rectangle

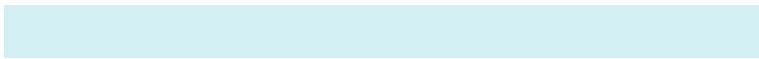
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



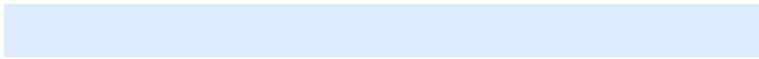
82.3027, 82.0745, 81.3162



78.4999, 82.0745, 75.5558



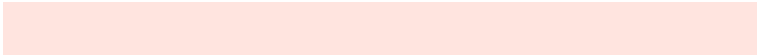
73.8680, 82.0745, 97.9285



77.5208, 82.0745, 104.7623

Sweetspot

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



82.3046, 82.0779, 81.3179



90.7670, 93.9926, 99.5847



84.9149, 80.9509, 101.7568



19.2604, 19.8831, 20.9521



0.0000, 0.0000, 0.0000



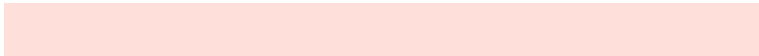
20.3446, 21.4041, 23.3091

Same Dimension

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



82.3046, 82.0779, 81.3179



80.0480, 78.8891, 76.4834



86.8502, 91.1692, 82.8331



18.2387, 18.4456, 18.7434



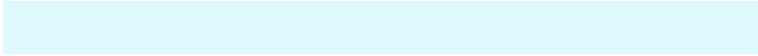
22.0108, 12.0328, 1.1625



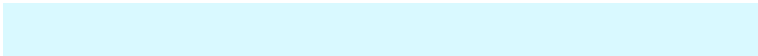
2.2063, 1.2981, 0.1343

Inverse Universe

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



82.6662, 91.2767, 107.8689



80.4722, 89.6958, 107.6794



77.9620, 81.8684, 106.3009



18.2987, 19.9690, 23.1399



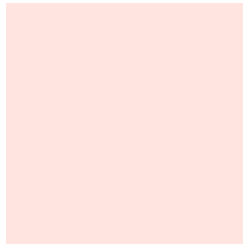
22.2358, 29.3811, 53.9338



2.2273, 2.9852, 5.2721

Previews

White Background



This preview shows how the XYZ color 82.3027, 82.0745, 81.3162 looks on a white background.

Color Contrast Check

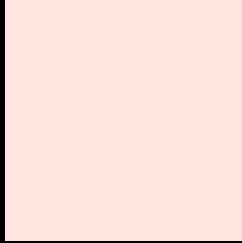
Large Text (above 18pt) WCAG AA × Fail

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 82.3027, 82.0745, 81.3162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

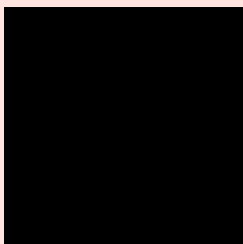
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

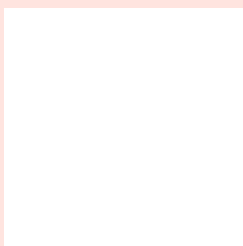
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.3027, 82.0745, 81.3162

Background



This preview shows how black text looks on a background with the XYZ color 82.3027, 82.0745, 81.3162.



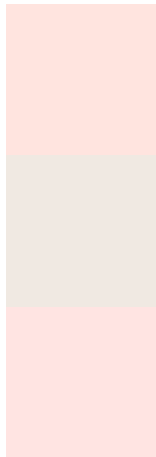
This preview shows how white text looks on a background with the XYZ color 82.3027, 82.0745,

81.3162.

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

82.3027, 82.0745, 81.3162

Protanopia

78.8016, 82.2941, 83.6826

Deuteranopia

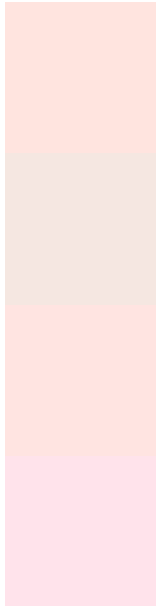
82.7109, 82.2378, 83.4657



Tritanopia

84.4634, 82.0635, 95.3925

Trichromacy



Original Color

82.3027, 82.0745, 81.3162

Protanomaly

79.8227, 82.0005, 82.8547

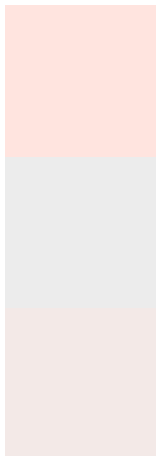
Deuteranomaly

82.5740, 82.1830, 82.7450

Tritanomaly

83.7045, 82.1963, 90.0510

Monochromacy



Original Color

82.3027, 82.0745, 81.3162

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

80.5249, 83.1020, 87.3975

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.3027, 82.0745, 81.3162 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, 223) looks like.

```
.text, #text, p{  
    color:rgb(255, 228, 223)  
}
```

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, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 228, 223) }
```

Border

The CSS property to change the border of an element to XYZ 82.3027, 82.0745, 81.3162 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, 223) }
```


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

```
.border{ border-color:rgb(255, 228, 223) }
```

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, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 228, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 228, 223);  
box-shadow:4px 4px 4px 4px rgb(255, 228,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 82.3027, 82.0745, 81.3162 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, 223) }
```

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

```
.background{ background-color: rgb(255,  
228, 223) }
```

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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