

Converting Colors

XYZ(82.0045, 81.8911, 84.3636)

Have a look what the booklet for
XYZ(82.0045, 81.8911, 84.3636)
contains.

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Color

**XYZ(82.1165, 81.9155,
84.1563)**

Conversions

Conversions Part 1

Format	Color
Hex	FDE4E3
RGB	253, 228, 227
RGB Percent	99%, 89%, 89%
CMY	0.0078, 0.1059, 0.1098
CMYK	0.00, 0.10, 0.10, 0.01
HSL	2°, 87%, 94%
HSV	2°, 10%, 99%
XYZ	82.1165, 81.9155, 84.1563
YIQ	235.3610, 15.2210, 4.9890

Conversions

Conversions Part 2

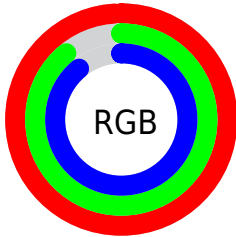
Format	Color
RYB	253, 228, 227
Decimal	16639203
CIELab	92.54, 8.38, 3.59
CIElCh	93, 9.115, 23.197
Yxy	81.9155, 0.3309, 0.3301
Android (android.graphics.Color)	4294829283 (0xFFFD4E3)
YUV	235.3610, -4.1220, 15.4694
Hunter-Lab	90.5072, 3.5642, 8.2254

Details

The XYZ color **82.1165, 81.9155, 84.1563** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.2181, 93.0416, 106.4494**, and the grayscale version is **79.2649, 83.3928, 90.8148**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.1549, 44.6015, 45.2587** is the 20% darker color. If you saturate the color by 10%, you get **72.6514, 68.1684, 65.0207**, and if you desaturate by 10%, it is **93.0406, 97.7577, 106.3117**.

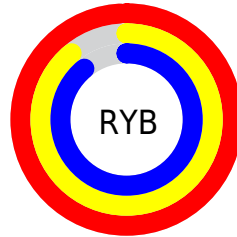
Distribution



Red (99%)

Green (89%)

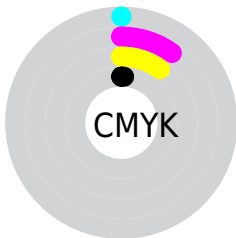
Blue (89%)



Red (99%)

Yellow (89%)

Blue (89%)

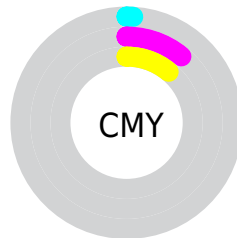


Cyan (0%)

Magenta (10%)

Yellow (10%)

Black (1%)



Cyan (1%)

Magenta (11%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.1165, 81.9155, 84.1563 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 82.1165, 81.9155, 84.1563 by changing the saturation by 10% instead.

82.1165, 81.9155,
84.1563

82.1165, 81.9155,
84.1563

490.6659,
501.3650, 528.9037

61.7760, 61.2959,
62.5984

135.2723,
136.0555, 141.0575

45.1066, 44.4640,
45.0774

168.8184,
170.3447, 177.2378

31.7431, 31.0355,
31.1750

207.4970,
209.9592, 219.1293

21.3199, 20.6258,
20.4726

251.6735,
255.2833, 267.1505

13.4718, 12.8508,
12.5516

301.7133,
306.7016, 321.7201

7.8335, 7.3259,
6.9934

357.9817,

4.0395, 3.6667,

364.5984, 383.2564

3.3796

420.8441,
429.3581, 452.1781

■ 1.7245, 1.4889,
1.2916

■ 0.4715, 0.2809,
0.0549

■ 82.1165, 81.9155,
84.1563

■ 82.1165, 81.9155,
84.1563

■ 72.6514, 68.1684,
65.0207

■ 93.0406, 97.7577,
106.3117

■ 64.5771, 56.4184,
48.7691

■ 94.3184, 99.6228,
108.8658

■ 57.8302, 46.5759,
35.2634

■ 52.3396, 38.5404,
24.3519

■ 48.0276, 32.2019,
15.8684

■ 44.8079, 27.4388,
9.6273

■ 42.5823, 24.1130,
5.4164

■ 41.2353, 22.0628,
2.9825

■ 40.6145, 21.0950,
1.9311

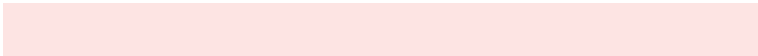
Harmonies

Analogous

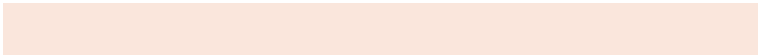
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.4650, 81.9155, 90.7449



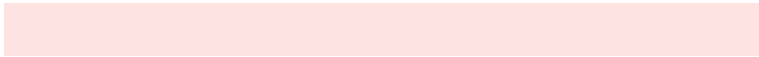
82.1165, 81.9155, 84.1563



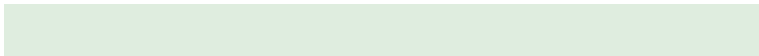
80.6164, 81.9155, 79.1581

Triad

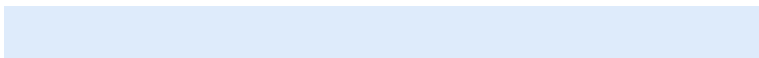
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.1165, 81.9155, 84.1563



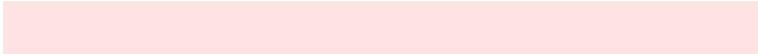
74.2710, 81.9155, 81.6099



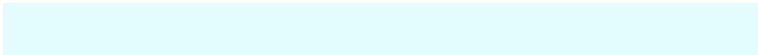
77.3204, 81.9155, 102.7695

Complementary

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



82.1165, 81.9155, 84.1563



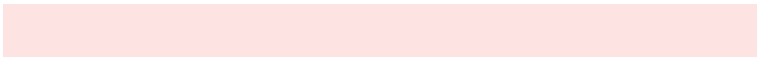
84.2181, 93.0416, 106.4494

Split Complementary

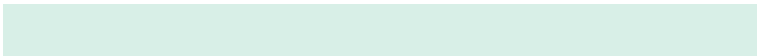
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.1637, 81.9155, 100.0400



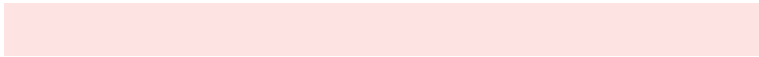
82.1165, 81.9155, 84.1563



73.4263, 81.9155, 87.6570

Square

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



82.1165, 81.9155, 84.1563



76.0794, 81.9155, 77.7408



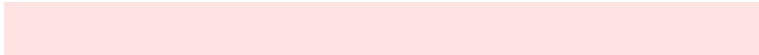
73.7498, 81.9155, 94.4248



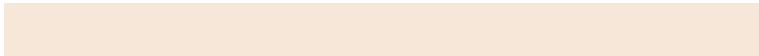
79.6645, 81.9155, 101.7160

Rectangle

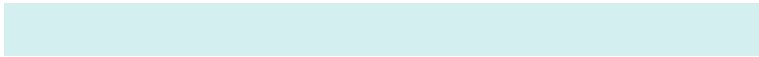
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



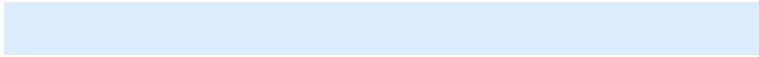
82.1165, 81.9155, 84.1563



79.1812, 81.9155, 77.2881



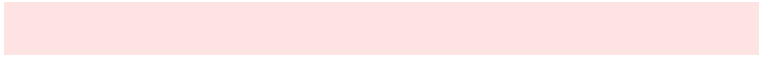
73.7498, 81.9155, 94.4248



76.5500, 81.9155, 102.2596

Sweetspot

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



82.1188, 81.9191, 84.1580



91.5411, 94.9141, 101.7746



85.5699, 82.8587, 103.6904



19.3978, 20.0317, 21.3867



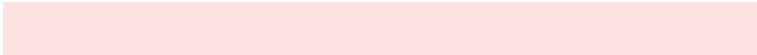
0.0000, 0.0000, 0.0000



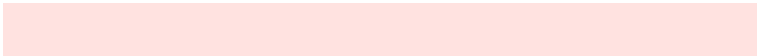
20.3446, 21.4041, 23.3091

Same Dimension

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



82.1188, 81.9191, 84.1580



81.8318, 80.8293, 82.0944



85.7899, 89.2614, 85.3818



18.0656, 18.0994, 18.6857



21.6290, 11.2692, 1.0352



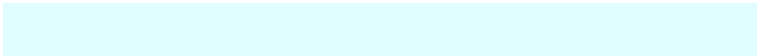
2.1249, 1.1351, 0.1071

Inverse Universe

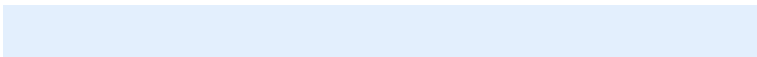
The Inverse Universe completely reimagines the original color for something new.



84.2181, 93.0416, 106.4494



84.2986, 93.8993, 108.2891



80.3148, 85.2349, 105.1482



18.4912, 20.3539, 23.2041



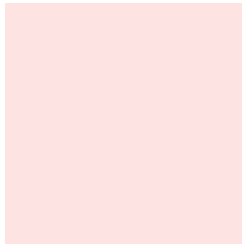
26.5431, 37.9959, 55.3696



2.6024, 3.7355, 5.3971

Previews

White Background



This preview shows how the XYZ color 82.1165, 81.9155, 84.1563 looks on a white background.

Color Contrast Check

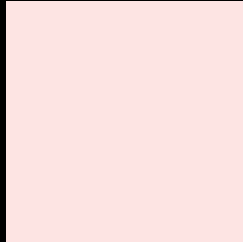
Large Text (above 18pt) WCAG AA × Fail

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 82.1165, 81.9155, 84.1563 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

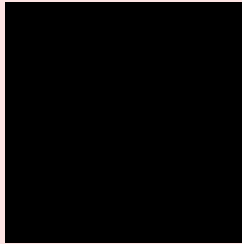
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

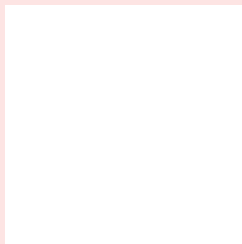
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.1165, 81.9155, 84.1563

Background



This preview shows how black text looks on a background with the XYZ color 82.1165, 81.9155, 84.1563.



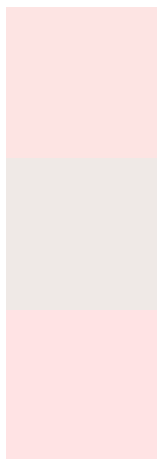
This preview shows how white text looks on a background with the XYZ color 82.1165, 81.9155,

84.1563.

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

82.1165, 81.9155, 84.1563

Protanopia

79.0184, 82.3417, 86.5917

Deuteranopia

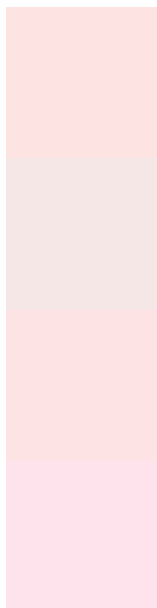
82.7127, 81.7996, 84.8283



Tritanopia

84.6140, 82.1238, 96.1859

Trichromacy



Original Color

82.1165, 81.9155, 84.1563

Protanomaly

80.0270, 82.0421, 85.7466

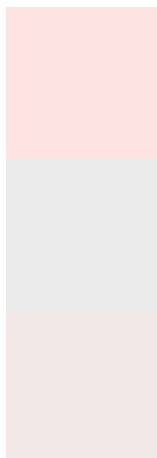
Deuteranomaly

82.3457, 81.6104, 84.8111

Tritanomaly

83.6282, 82.1234, 91.5645

Monochromacy



Original Color

82.1165, 81.9155, 84.1563

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

80.0401, 82.4167, 88.0334

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.1165, 81.9155, 84.1563 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(253, 228, 227) looks like.

```
.text, #text, p{  
    color:rgb(253, 228, 227)  
}
```

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(253, 228, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 228, 227) }
```

Border

The CSS property to change the border of an element to XYZ 82.1165, 81.9155, 84.1563 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(253, 228, 227) }
```


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

```
.border{ border-color:rgb(253, 228, 227) }
```

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

Here you see how a box with a 4 pixel rgb(253, 228, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 228, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 228, 227);  
box-shadow:4px 4px 4px 4px rgb(253, 228,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 82.1165, 81.9155, 84.1563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 228, 227) }
```

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

```
.background{ background-color: rgb(253,  
228, 227) }
```

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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