

Converting Colors

XYZ(81.7398, 82.4202, 79.3853)

Have a look what the booklet for
XYZ(81.7398, 82.4202, 79.3853)
contains.

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Color

**XYZ(81.4456, 82.0886,
79.2622)**

Conversions

Conversions Part 1

Format	Color
Hex	FDE5DC
RGB	253, 229, 220
RGB Percent	99%, 90%, 86%
CMY	0.0078, 0.1019, 0.1372
CMYK	0.00, 0.09, 0.13, 0.01
HSL	16°, 89%, 93%
HSV	16°, 13%, 99%
XYZ	81.4456, 82.0886, 79.2622
YIQ	235.1500, 17.1930, 2.2890

Conversions

Conversions Part 2

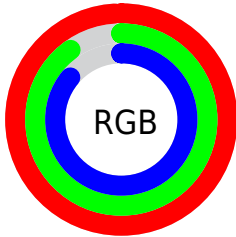
Format	Color
R _Y B	253, 232, 220
Decimal	16639452
CIE Lab	92.61, 6.75, 7.35
CIE LCh	93, 9.979, 47.449
Yxy	82.0886, 0.3354, 0.3381
Android (android.graphics.Color)	4294829532 (0xFFFDE5DC)
YUV	235.1500, -7.4690, 15.6544
Hunter-Lab	90.6028, 1.9043, 11.5531

Details

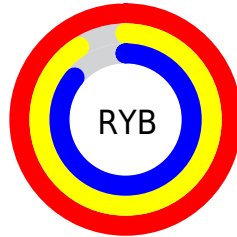
The XYZ color **81.4456, 82.0886, 79.2622** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **79.5951, 87.0071, 105.5282**, and the grayscale version is **79.1277, 83.2485, 90.6576**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.6925, 44.7245, 41.8744** is the 20% darker color. If you saturate the color by 10%, you get **73.5224, 71.2043, 61.3218**, and if you desaturate by 10%, it is **90.4199, 94.2619, 100.0567**.

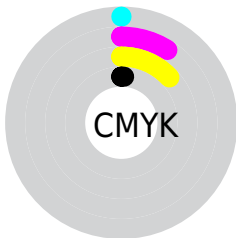
Distribution



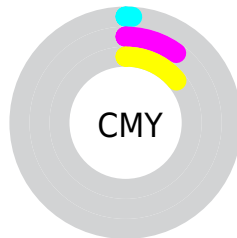
- Red (99%)
- Green (90%)
- Blue (86%)



- Red (99%)
- Yellow (91%)
- Blue (86%)



- Cyan (0%)
- Magenta (9%)
- Yellow (13%)
- Black (1%)





- Cyan (1%)
- Magenta (10%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.4456, 82.0886, 79.2622 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 81.4456, 82.0886, 79.2622 by changing the saturation by 10% instead.


 81.4456, 82.0886,
79.2622

 81.4456, 82.0886,
79.2622


488.4540,
501.9440, 512.0840

 61.2212, 61.4386,
58.5888


134.3362,
136.2982, 134.1299

 44.6569, 44.5792,
41.8644

167.7330,
170.6266, 169.1614

 31.3874, 31.1261,
28.6703


206.2514,
210.2833, 209.8159

 21.0473, 20.6949,
18.5881

250.2567,
255.6526, 256.5121

 13.2712, 12.9012,
11.1993

300.1143,
307.1189, 309.6684

 7.6939, 7.3605,
6.0852

356.1895,

 3.9498, 3.6886,

365.0666, 369.7035

2.8273

418.8476,
429.8802, 437.0358

■ 1.6738, 1.5009,
1.0072

■ 0.4398, 0.2894,
0.0000

■ 81.4456, 82.0886,
79.2622

■ 81.4456, 82.0886,
79.2622

■ 73.5224, 71.2043,
61.3218

■ 90.4199, 94.2619,
100.0567

■ 66.6040, 61.5555,
46.1050

■ 94.3184, 99.6228,
108.8658

■ 60.6508, 53.1009,
33.4791

■ 55.6176, 45.7928,
23.2978

■ 51.4554, 39.5801,
15.4004

■ 48.1104, 34.4077,
9.6067

■ 45.5219, 30.2152,
5.7088

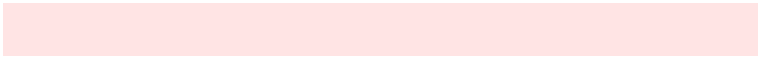
■ 43.6191, 26.9348,
3.4553

■ 42.6387, 25.1435,
2.6059

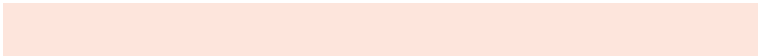
Harmonies

Analogous

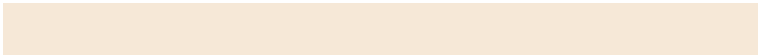
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.8799, 82.0886, 85.1641



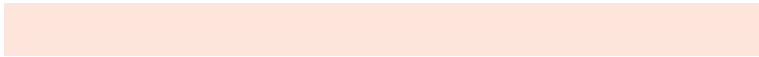
81.4456, 82.0886, 79.2622



79.1120, 82.0886, 76.1461

Triad

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



81.4456, 82.0886, 79.2622



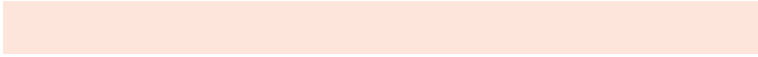
73.2534, 82.0886, 86.3112



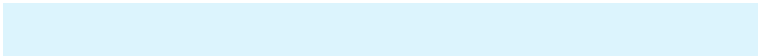
79.5284, 82.0886, 103.7166

Complementary

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



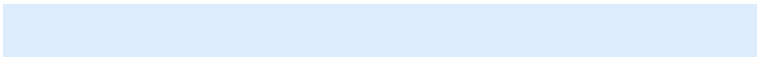
81.4456, 82.0886, 79.2622



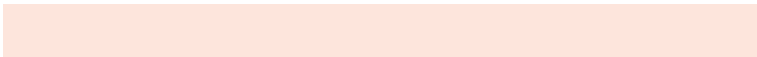
79.5951, 87.0071, 105.5282

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.



76.9435, 82.0886, 104.0659



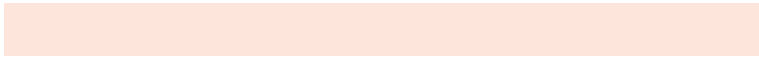
81.4456, 82.0886, 79.2622



73.3592, 82.0886, 93.7338

Square

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



81.4456, 82.0886, 79.2622



74.4047, 82.0886, 80.0617



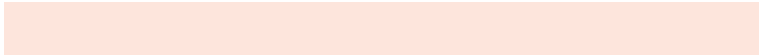
74.6972, 82.0886, 100.3253



81.7562, 82.0886, 99.3958

Rectangle

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



81.4456, 82.0886, 79.2622



77.3778, 82.0886, 75.9477



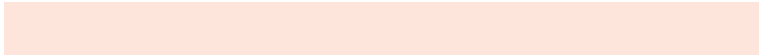
74.6972, 82.0886, 100.3253



78.6713, 82.0886, 104.3106

Sweetspot

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



81.4479, 82.0922, 79.2639



91.1303, 94.7192, 99.7058



82.4617, 78.6140, 96.5760



19.3521, 20.0664, 20.9826



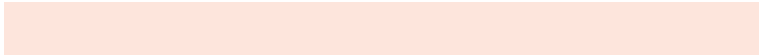
0.0000, 0.0000, 0.0000



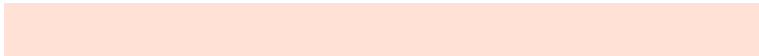
20.3446, 21.4041, 23.3091

Same Dimension

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



81.4479, 82.0922, 79.2639



80.4185, 80.1559, 74.9855



86.1704, 91.5374, 80.8381



18.4126, 18.7935, 18.8014



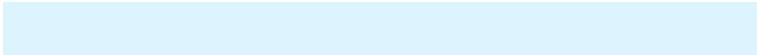
22.7851, 13.5814, 1.4206



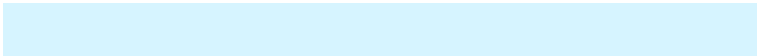
2.3048, 1.4949, 0.1671

Inverse Universe

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



79.5951, 87.0071, 105.5282



78.1506, 86.1676, 107.1208



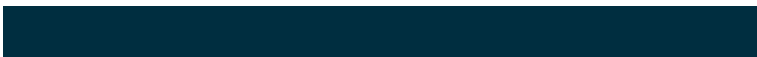
74.9068, 77.6305, 103.9655



18.1111, 19.5938, 23.0774



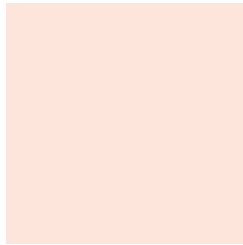
18.6734, 22.2564, 52.7463



1.9092, 2.3491, 5.1661

Previews

White Background



This preview shows how the XYZ color 81.4456, 82.0886, 79.2622 looks on a white background.

Color Contrast Check

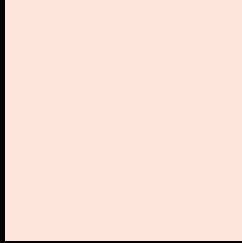
Large Text (above 18pt) WCAG AA × Fail

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 81.4456, 82.0886, 79.2622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

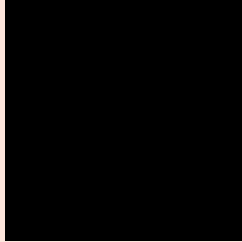
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.4456, 82.0886, 79.2622

Background



This preview shows how black text looks on a background with the XYZ color 81.4456, 82.0886, 79.2622.



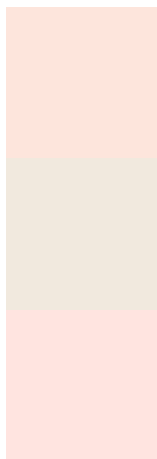
This preview shows how white text looks on a background with the XYZ color 81.4456, 82.0886,

79.2622.

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

81.4456, 82.0886, 79.2622

Protanopia

78.5994, 82.2525, 80.8409

Deuteranopia

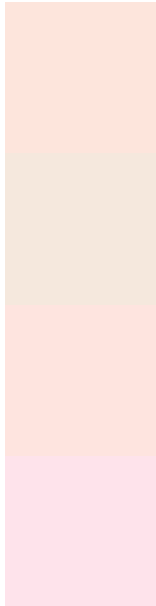
82.4379, 82.1286, 82.0285



Tritanopia

84.6140, 82.1238, 96.1859

Trichromacy



Original Color

81.4456, 82.0886, 79.2622

Protanomaly

79.5639, 82.3462, 80.1075

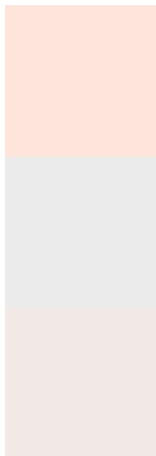
Deuteranomaly

81.9357, 81.8853, 81.2990

Tritanomaly

83.3375, 82.0072, 90.0339

Monochromacy



Original Color

81.4456, 82.0886, 79.2622

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

80.0398, 82.8682, 86.6395

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.4456, 82.0886, 79.2622 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, 229, 220) looks like.

```
.text, #text, p{  
    color:rgb(253, 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(253, 229, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 229, 220) }
```

Border

The CSS property to change the border of an element to XYZ 81.4456, 82.0886, 79.2622 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, 229, 220) }
```


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

```
.border{ border-color:rgb(253, 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(253, 229, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 229, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 229, 220);  
box-shadow:4px 4px 4px 4px rgb(253, 229,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 81.4456, 82.0886, 79.2622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 229, 220) }
```

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

```
.background{ background-color: rgb(253,  
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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