

Converting Colors

XYZ(82.2275, 83.2252, 81.5434)

Have a look what the booklet for
XYZ(82.2275, 83.2252, 81.5434)
contains.

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Color

**XYZ(82.4032, 83.3622,
81.5594)**

Conversions

Conversions Part 1

Format	Color
Hex	FDE7DF
RGB	253, 231, 223
RGB Percent	99%, 91%, 87%
CMY	0.0078, 0.0941, 0.1255
CMYK	0.00, 0.09, 0.12, 0.01
HSL	16°, 88%, 93%
HSV	16°, 12%, 99%
XYZ	82.4032, 83.3622, 81.5594
YIQ	236.6660, 15.6800, 2.1760

Conversions

Conversions Part 2

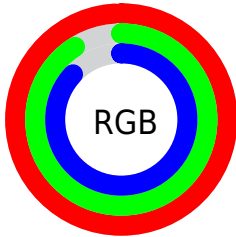
Format	Color
R _Y B	253, 234, 223
Decimal	16639967
CIE Lab	93.17, 6.19, 6.59
CIE LCh	93, 9.046, 46.790
Yxy	83.3622, 0.3332, 0.3371
Android (android.graphics.Color)	4294830047 (0xFFFDE7DF)
YUV	236.6660, -6.7373, 14.3249
Hunter-Lab	91.3029, 1.3207, 10.9492

Details

The XYZ color **82.4032, 83.3622, 81.5594** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **80.8130, 88.0828, 105.6717**, and the grayscale version is **80.2831, 84.4641, 91.9814**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.1628, 45.2229, 43.3943** is the 20% darker color. If you saturate the color by 10%, you get **74.3248, 72.2619, 63.2764**, and if you desaturate by 10%, it is **91.5462, 95.7742, 102.7138**.

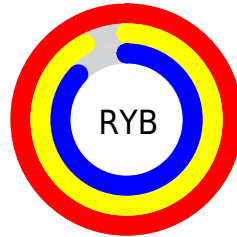
Distribution



Red (99%)

Green (91%)

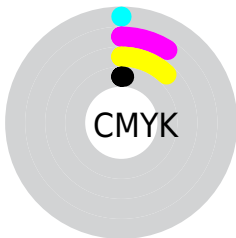
Blue (87%)



Red (99%)

Yellow (92%)

Blue (87%)

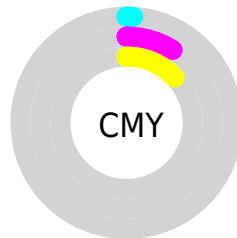


Cyan (0%)

Magenta (9%)

Yellow (12%)

Black (1%)



Cyan (1%)


Magenta (9%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.4032, 83.3622, 81.5594 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 82.4032, 83.3622, 81.5594 by changing the saturation by 10% instead.


 82.4032, 83.3622,
81.5594

 82.4032, 83.3622,
81.5594


491.6095,
506.1928, 520.0174

 62.0132, 62.4890,
60.4687


135.6722,
138.0826, 137.3871

 45.2990, 45.4279,
43.3688


169.2818,
172.6987, 172.9612

 31.8953, 31.7946,
29.8410


208.0287,
212.6644, 214.2002

 21.4367, 21.2047,
19.4669

252.2782,
258.3643, 261.5226

 13.5579, 13.2737,
11.8279

302.3957,
310.1827, 315.3470

 7.8934, 7.6173,
6.5055

358.7465,

 4.0781, 3.8511,

368.5039, 376.0919

3.0811

421.6960,
433.7125, 444.1759

■ 1.7464, 1.5906,
1.1362

■ 0.4850, 0.3512,
0.0000

■ 82.4032, 83.3622,
81.5594

■ 82.4032, 83.3622,
81.5594

■ 74.3248, 72.2619,
63.2764

■ 91.5462, 95.7742,
102.7138

■ 67.2645, 62.4191,
47.7350

94.3184, 99.6228,
108.8658

■ 61.1825, 53.7920,
34.8037

■ 56.0335, 46.3322,
24.3376

■ 51.7685, 39.9879,
16.1776

■ 48.3337, 34.7035,
10.1461

■ 45.6688, 30.4177,
6.0387

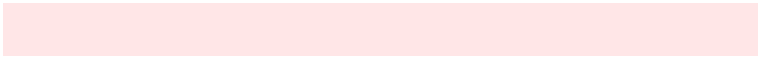
■ 43.7036, 27.0626,
3.6104

■ 42.5458, 24.9576,
2.5749

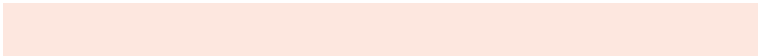
Harmonies

Analogous

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



83.6889, 83.3622, 87.0393



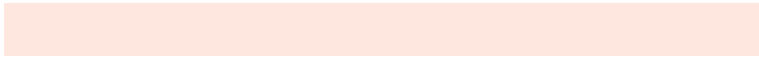
82.4032, 83.3622, 81.5594



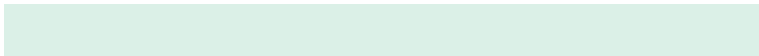
80.2821, 83.3622, 78.6138

Triad

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



82.4032, 83.3622, 81.5594



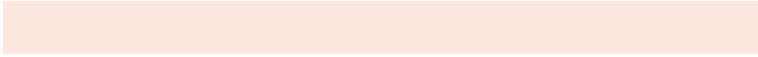
74.8675, 83.3622, 87.8094



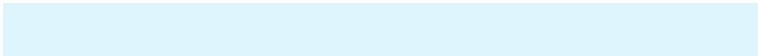
80.5606, 83.3622, 103.8812

Complementary

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



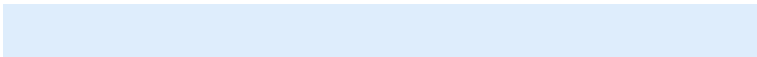
82.4032, 83.3622, 81.5594



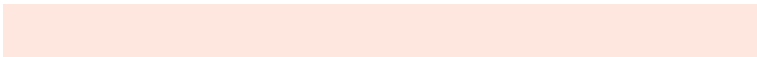
80.8130, 88.0828, 105.6717

Split Complementary

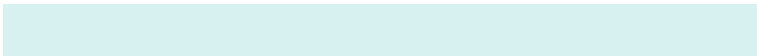
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.1936, 83.3622, 104.1128



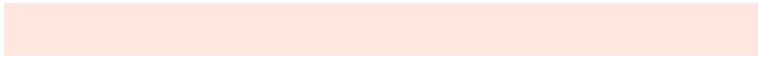
82.4032, 83.3622, 81.5594



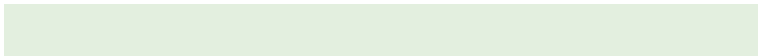
74.9387, 83.3622, 94.6002

Square

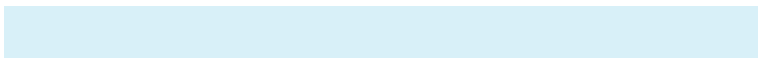
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.4032, 83.3622, 81.5594



75.9493, 83.3622, 82.0989



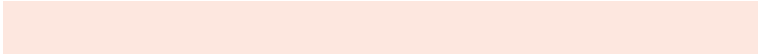
76.1457, 83.3622, 100.6433



82.6106, 83.3622, 100.0253

Rectangle

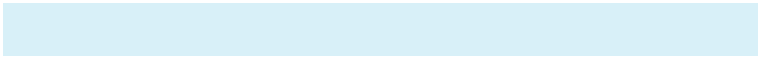
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.4032, 83.3622, 81.5594



78.6943, 83.3622, 78.3828



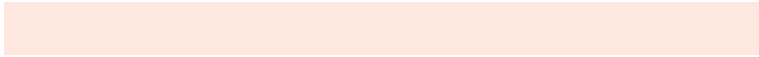
76.1457, 83.3622, 100.6433



79.7747, 83.3622, 104.3920

Sweetspot

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



82.4055, 83.3659, 81.5612



91.1114, 94.6814, 99.6994



83.3781, 80.2517, 97.4827



19.3473, 20.0568, 20.9810



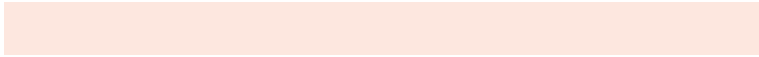
0.0000, 0.0000, 0.0000



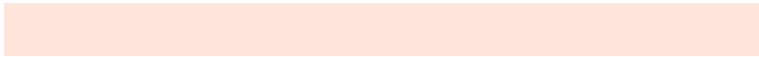
20.3446, 21.4041, 23.3091

Same Dimension

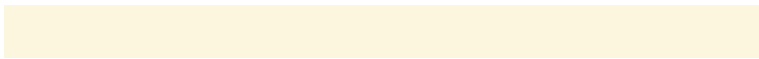
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.4055, 83.3659, 81.5612



82.0368, 82.3324, 78.7930



86.7840, 92.1229, 83.0207



18.4035, 18.7753, 18.7983



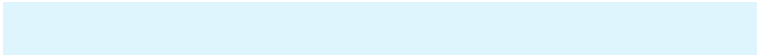
22.7339, 13.4791, 1.4035



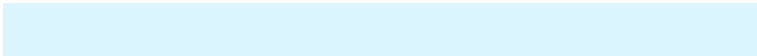
2.2987, 1.4828, 0.1651

Inverse Universe

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



80.8130, 88.0828, 105.6717



80.1499, 87.9189, 107.3534



76.4589, 79.3746, 104.2203



18.1208, 19.6132, 23.0806



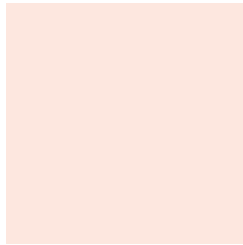
18.8418, 22.5932, 52.8024



1.9245, 2.3796, 5.1712

Previews

White Background



This preview shows how the XYZ color 82.4032, 83.3622, 81.5594 looks on a white background.

Color Contrast Check

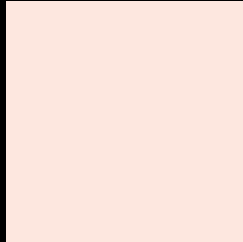
Large Text (above 18pt) WCAG AA × Fail

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 82.4032, 83.3622, 81.5594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

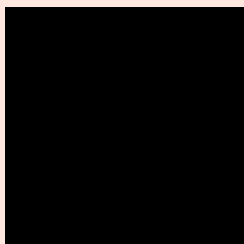
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

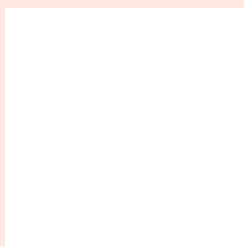
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.4032, 83.3622, 81.5594

Background



This preview shows how black text looks on a background with the XYZ color 82.4032, 83.3622, 81.5594.



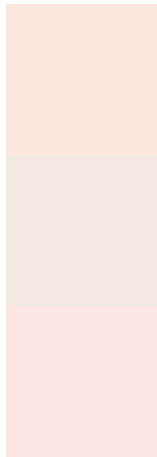
This preview shows how white text looks on a background with the XYZ color 82.4032, 83.3622,

81.5594.

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

82.4032, 83.3622, 81.5594

Protanopia

79.6314, 83.1591, 83.0885

Deuteranopia

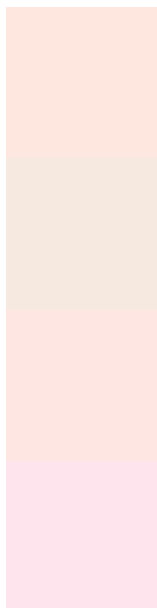
83.4019, 83.3997, 84.3750



Tritanopia

85.4648, 83.3394, 97.9678

Trichromacy



Original Color

82.4032, 83.3622, 81.5594

Protanomaly

80.5995, 83.2525, 82.3423

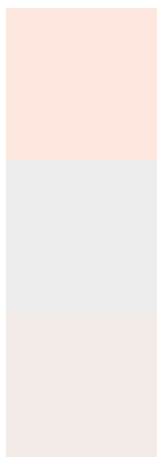
Deuteranomaly

82.8973, 83.1554, 83.6330

Tritanomaly

84.1784, 83.2239, 91.7479

Monochromacy



Original Color

82.4032, 83.3622, 81.5594

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

81.2360, 84.2975, 88.3334

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.4032, 83.3622, 81.5594 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, 231, 223) looks like.

```
.text, #text, p{  
    color:rgb(253, 231, 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(253, 231, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 231, 223) }
```

Border

The CSS property to change the border of an element to XYZ 82.4032, 83.3622, 81.5594 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, 231, 223) }
```


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

```
.border{ border-color:rgb(253, 231, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 231, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 231, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 231, 223);  
box-shadow:4px 4px 4px 4px rgb(253, 231,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 82.4032, 83.3622, 81.5594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 231, 223) }
```

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

```
.background{ background-color: rgb(253,  
231, 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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