

Converting Colors

XYZ(83.4822, 83.0729, 85.9042)

Have a look what the booklet for
XYZ(83.4822, 83.0729, 85.9042)
contains.

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Color

**XYZ(83.4022, 82.9558,
85.7450)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE5E5
RGB	255, 229, 229
RGB Percent	100%, 90%, 90%
CMY	0.0000, 0.1019, 0.1020
CMYK	0.00, 0.10, 0.10, 0.00
HSL	0°, 100%, 95%
HSV	0°, 10%, 100%
XYZ	83.4022, 82.9558, 85.7450
YIQ	236.7740, 15.4960, 5.5120

Conversions

Conversions Part 2

Format	Color
R _Y B	255, 229, 229
Decimal	16770533
CIE Lab	93.00, 8.88, 3.23
CIE LCh	93, 9.448, 19.999
Yxy	82.9558, 0.3308, 0.3291
Android (android.graphics.Color)	4294960613 (0xFFFFE5E5)
YUV	236.7740, -3.8326, 15.9842
Hunter-Lab	91.0801, 4.0627, 7.9390

Details

The XYZ color **83.4022, 82.9558, 85.7450** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **86.1221, 95.3954, 108.4818**, and the grayscale version is **80.3444, 84.5285, 92.0516**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.0647, 45.3339, 46.3668** is the 20% darker color. If you saturate the color by 10%, you get **73.5561, 68.5492, 66.1683**, and if you desaturate by 10%, it is **94.8111, 99.6504, 108.4250**.

Distribution



Red (100%)

Green (90%)

Blue (90%)



Red (100%)

Yellow (90%)

Blue (90%)



Cyan (0%)

Magenta (10%)

Yellow (10%)

Black (0%)



Cyan (0%)


Magenta (10%)


Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.4022, 82.9558, 85.7450 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 83.4022, 82.9558, 85.7450 by changing the saturation by 10% instead.


 83.4022, 82.9558,
85.7450

 83.4022, 82.9558,
85.7450


494.8896,
504.8392, 534.2988

 62.8400, 62.1537,
63.9034

137.0642,
137.5136, 143.2970

 45.9700, 45.1569,
46.1268

170.8948,
172.0380, 179.8445

 32.4267, 31.5810,
31.9965


209.8789,
211.9053, 222.1311

 21.8447, 21.0417,
21.0940

254.3819,
257.4999, 270.5752

 13.8588, 13.1545,
13.0008

304.7691,
309.2062, 325.5955

 8.1036, 7.5350,
7.2984

361.4059,

 4.2137, 3.7989,

367.4086, 387.6105

3.5681

424.6576,
432.4915, 457.0388

■ 1.8237, 1.5617,
1.3915

■ 0.5319, 0.3316,
0.1351

■ 83.4022, 82.9558,
85.7450

■ 83.4022, 82.9558,
85.7450

■ 73.5561, 68.5492,
66.1683

94.8111, 99.6504,
108.4250

■ 65.1994, 56.3212,
49.5550

95.0500, 100.0000,
108.9000

■ 58.2614, 46.1690,
35.7624

■ 52.6633, 37.9773,
24.6339

■ 48.3188, 31.6198,
15.9977

■ 45.1313, 26.9553,
9.6620

■ 42.9903, 23.8221,
5.4069

■ 41.7640, 22.0272,
2.9703

■ 41.2405, 21.2610,
1.9302

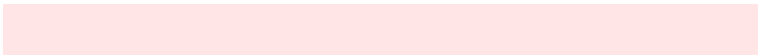
Harmonies

Analogous

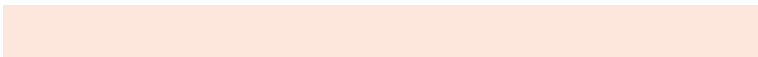
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.6252, 82.9558, 92.7114



83.4022, 82.9558, 85.7450



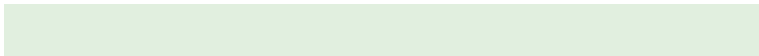
81.9445, 82.9558, 80.2852

Triad

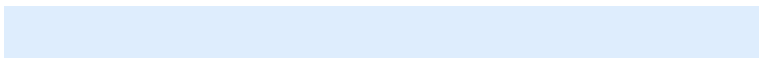
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.4022, 82.9558, 85.7450



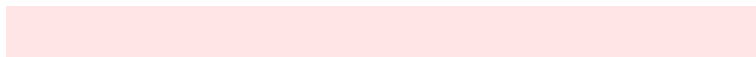
75.2588, 82.9558, 81.8473



78.0238, 82.9558, 104.4169

Complementary

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



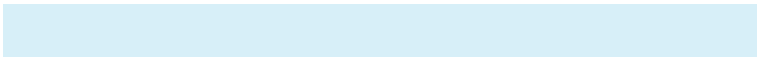
83.4022, 82.9558, 85.7450



86.1221, 95.3954, 108.4818

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.



75.8285, 82.9558, 101.1682



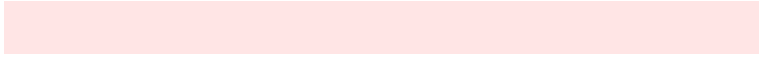
83.4022, 82.9558, 85.7450



74.2544, 82.9558, 87.9794

Square

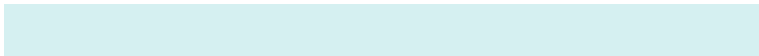
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.4022, 82.9558, 85.7450



77.2312, 82.9558, 78.1178



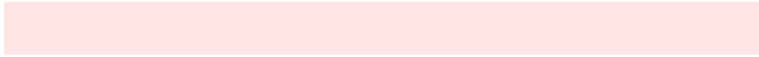
74.4608, 82.9558, 95.0648



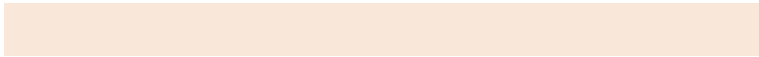
80.4852, 82.9558, 103.7414

Rectangle

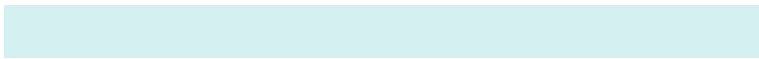
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



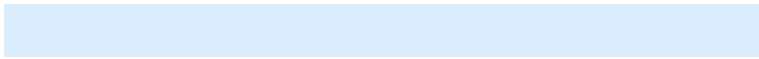
83.4022, 82.9558, 85.7450



80.4853, 82.9558, 78.1179



74.4608, 82.9558, 95.0648



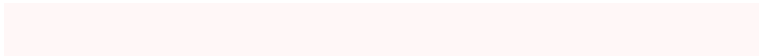
77.2311, 82.9558, 103.7413

Sweetspot

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



83.4041, 82.9592, 85.7467



91.4509, 94.7337, 101.7446



87.3097, 84.5195, 106.3199



19.3736, 19.9833, 21.3786



0.0000, 0.0000, 0.0000



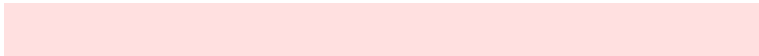
20.3446, 21.4041, 23.3091

Same Dimension

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



83.4041, 82.9592, 85.7467



81.5136, 80.1930, 81.9883



87.1354, 90.4220, 86.9905



18.0097, 17.9876, 18.6671



21.5492, 11.1095, 1.0086



2.0983, 1.0819, 0.0982

Inverse Universe

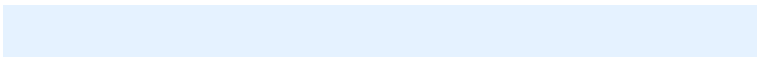
The Inverse Universe completely reimagines the original color for something new.



86.1221, 95.3954, 108.4818



84.6729, 94.6479, 108.4139



82.1160, 87.3830, 107.1464



18.5547, 20.4809, 23.2252



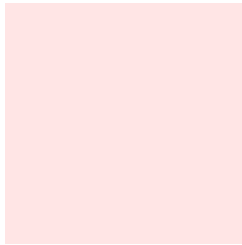
28.1096, 41.1287, 55.8917



2.7370, 4.0047, 5.4420

Previews

White Background



This preview shows how the XYZ color 83.4022, 82.9558, 85.7450 looks on a white background.

Color Contrast Check

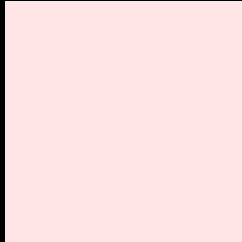
Large Text (above 18pt) WCAG AA × Fail

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 83.4022, 82.9558, 85.7450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

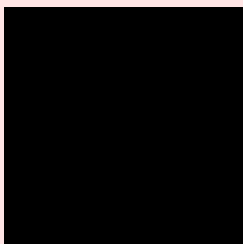
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 83.4022, 82.9558, 85.7450

Background



This preview shows how black text looks on a background with the XYZ color 83.4022, 82.9558, 85.7450.



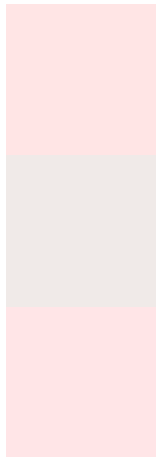
This preview shows how white text looks on a background with the XYZ color 83.4022, 82.9558,

85.7450.

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

83.4022, 82.9558, 85.7450

Protanopia

79.9235, 83.1971, 88.1902

Deuteranopia

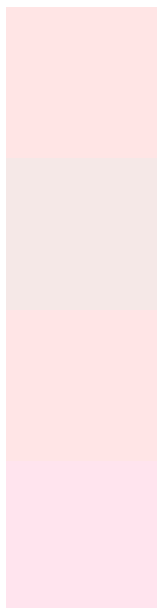
83.6831, 83.0681, 87.2245



Tritanopia

84.8867, 82.6692, 96.2768

Trichromacy



Original Color

83.4022, 82.9558, 85.7450

Protanomaly

80.9366, 82.8952, 87.3359

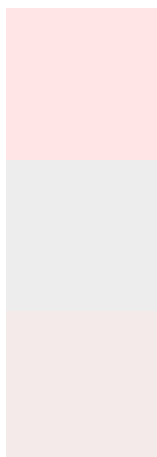
Deuteranomaly

83.5422, 83.0118, 86.4826

Tritanomaly

84.4160, 82.9199, 92.4448

Monochromacy



Original Color

83.4022, 82.9558, 85.7450

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

81.5823, 84.0192, 89.7594

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.4022, 82.9558, 85.7450 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, 229)` looks like.

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

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, 229) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 83.4022, 82.9558, 85.7450 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, 229) }
```


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

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

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, 229)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 83.4022, 82.9558, 85.7450 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, 229) }
```

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

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

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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