

Converting Colors

XYZ(83.2276, 82.9670, 85.9413)

Have a look what the booklet for
XYZ(83.2276, 82.9670, 85.9413)
contains.

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Color

**XYZ(83.0352, 82.7666,
85.7279)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | FEE5E5 |
| RGB | 254, 229, 229 |
| RGB Percent | 100%, 90%, 90% |
| CMY | 0.0039, 0.1019, 0.1020 |
| CMYK | 0.00, 0.10, 0.10, 0.00 |
| HSL | 0°, 93%, 95% |
| HSV | 0°, 10%, 100% |
| XYZ | 83.0352, 82.7666, 85.7279 |
| YIQ | 236.4750, 14.9000, 5.3000 |

Conversions

Conversions Part 2

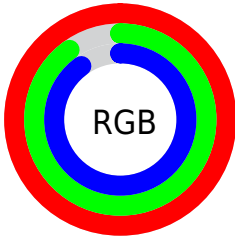
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 254, 229, 229 |
| Decimal | 16704997 |
| CIE Lab | 92.91, 8.53, 3.10 |
| CIE LCh | 93, 9.079, 19.970 |
| Yxy | 82.7666, 0.3301, 0.3291 |
| Android (android.graphics.Color) | 4294895077 (0xFFFE5E5) |
| YUV | 236.4750, -3.6852, 15.3694 |
| Hunter-Lab | 90.9762, 3.7112, 7.8136 |

Details

The XYZ color **83.0352, 82.7666, 85.7279** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.6439, 94.6956, 107.5310**, and the grayscale version is **80.1142, 84.2863, 91.7878**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.8020, 45.1984, 46.3545** is the 20% darker color. If you saturate the color by 10%, you get **73.2252, 68.4124, 66.2220**, and if you desaturate by 10%, it is **94.3967, 99.3914, 108.3128**.

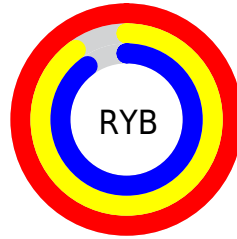
Distribution



Red (100%)

Green (90%)

Blue (90%)



Red (100%)

Yellow (90%)

Blue (90%)

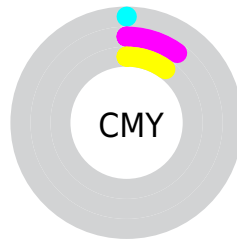


Cyan (0%)

Magenta (10%)

Yellow (10%)

Black (0%)



Cyan (0%)


Magenta (10%)


Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.0352, 82.7666, 85.7279 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 83.0352, 82.7666, 85.7279 by changing the saturation by 10% instead.


 83.0352, 82.7666,
85.7279

 83.0352, 82.7666,
85.7279


493.6860,
504.2083, 534.2408

 62.5362, 61.9976,
63.8894


136.5530,
137.2485, 143.2729

 45.7233, 45.0308,
46.1155


170.3026,
171.7302, 179.8165

 32.2313, 31.4817,
31.9876


209.1997,
211.5517, 222.0988

 21.6946, 20.9659,
21.0873

253.6097,
257.0972, 270.5384

 13.7480, 13.0991,
12.9960

303.8980,
308.7513, 325.5539

 8.0261, 7.4968,
7.2951

360.4299,

 4.1636, 3.7747,

366.8982, 387.5638

3.5661

423.5708,
431.9224, 456.9866

■ 1.7951, 1.5483,
1.3905

■ 0.5147, 0.3224,
0.1343

■ 83.0352, 82.7666,
85.7279

■ 83.0352, 82.7666,
85.7279

■ 73.2252, 68.4124,
66.2220

94.3967, 99.3914,
108.3128

■ 64.8927, 56.2198,
49.6569

94.6834, 99.8110,
108.8828

■ 57.9685, 46.0877,
35.8916

■ 52.3746, 37.9022,
24.7715

■ 48.0259, 31.5386,
16.1270

■ 44.8272, 26.8577,
9.7689

■ 42.6696, 23.7002,
5.4809

■ 41.4235, 21.8765,
3.0050

■ 40.8805, 21.0816,
1.9260

Harmonies

Analogous

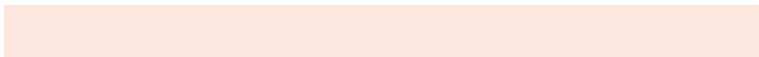
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.2476, 82.7666, 92.4144



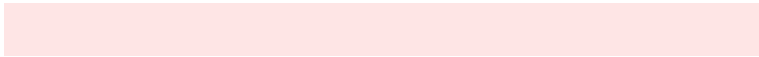
83.0352, 82.7666, 85.7279



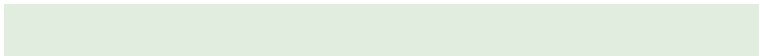
81.6393, 82.7666, 80.4761

Triad

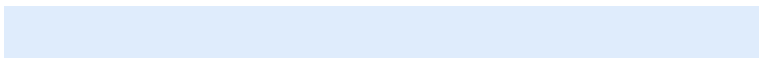
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.0352, 82.7666, 85.7279



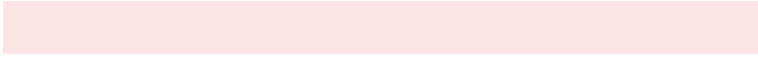
75.2239, 82.7666, 81.9704



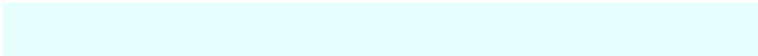
77.8750, 82.7666, 103.6125

Complementary

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



83.0352, 82.7666, 85.7279



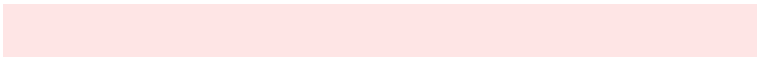
85.6439, 94.6956, 107.5310

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.



75.7680, 82.7666, 100.5025



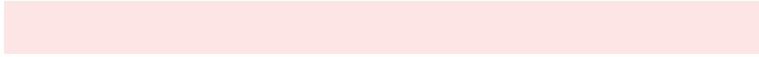
83.0352, 82.7666, 85.7279



74.2579, 82.7666, 87.8614

Square

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



83.0352, 82.7666, 85.7279



77.1187, 82.7666, 78.3835



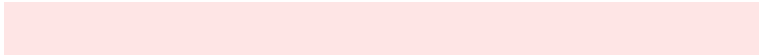
74.4551, 82.7666, 94.6570



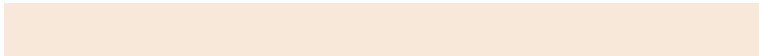
80.2362, 82.7666, 102.9705

Rectangle

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



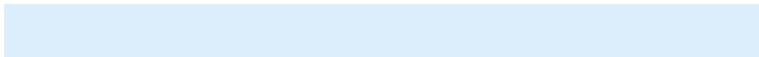
83.0352, 82.7666, 85.7279



80.2408, 82.7666, 78.3877



74.4551, 82.7666, 94.6570



77.1143, 82.7666, 102.9654

Sweetspot

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



83.0375, 82.7703, 85.7297



91.4509, 94.7337, 101.7446



86.7828, 84.2664, 105.4579



19.3736, 19.9833, 21.3786



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

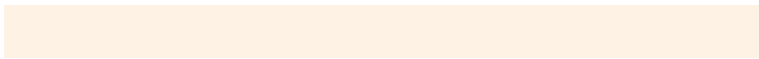
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.0375, 82.7703, 85.7297



81.5136, 80.1930, 81.9883



86.6204, 89.9361, 86.9240



18.0097, 17.9876, 18.6671



21.5492, 11.1095, 1.0086



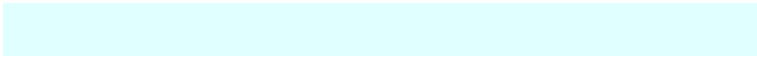
2.0983, 1.0819, 0.0982

Inverse Universe

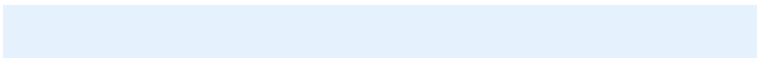
The Inverse Universe completely reimagines the original color for something new.



85.6439, 94.6956, 107.5310



84.6729, 94.6478, 108.4139



81.8071, 87.0219, 106.2520



18.5547, 20.4809, 23.2252



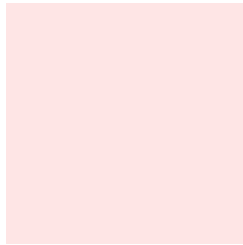
28.1095, 41.1285, 55.8917



2.7370, 4.0047, 5.4420

Previews

White Background



This preview shows how the XYZ color 83.0352, 82.7666, 85.7279 looks on a white background.

Color Contrast Check

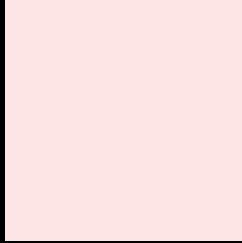
Large Text (above 18pt) WCAG AA × Fail

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 83.0352, 82.7666, 85.7279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

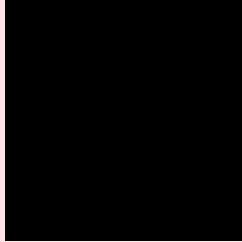
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

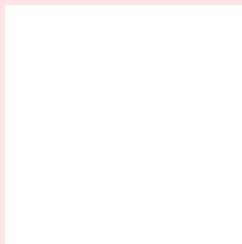
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 83.0352, 82.7666, 85.7279

Background



This preview shows how black text looks on a background with the XYZ color 83.0352, 82.7666, 85.7279.



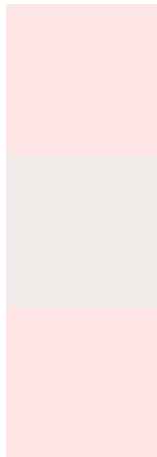
This preview shows how white text looks on a background with the XYZ color 83.0352, 82.7666,

85.7279.

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

83.0352, 82.7666, 85.7279

Protanopia

79.9235, 83.1971, 88.1902

Deuteranopia

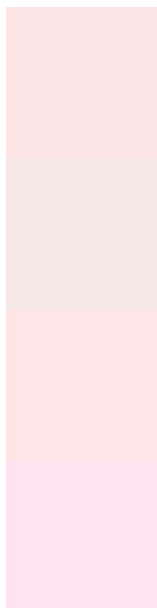
83.5422, 83.0118, 86.4826



Tritanopia

85.0382, 82.7298, 97.0744

Trichromacy



Original Color

83.0352, 82.7666, 85.7279

Protanomaly

80.9366, 82.8952, 87.3359

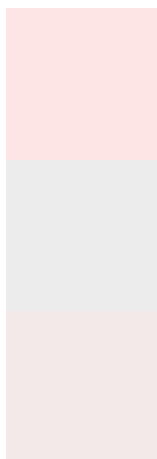
Deuteranomaly

83.5422, 83.0118, 86.4826

Tritanomaly

84.5634, 82.9788, 93.2209

Monochromacy



Original Color

83.0352, 82.7666, 85.7279

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

80.8090, 83.2157, 88.8939

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.0352, 82.7666, 85.7279 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(254, 229, 229) looks like.

```
.text, #text, p{  
    color:rgb(254, 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(254, 229, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 229, 229) }
```

Border

The CSS property to change the border of an element to XYZ 83.0352, 82.7666, 85.7279 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(254, 229, 229) }
```


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

```
.border{ border-color:rgb(254, 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(254, 229, 229) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 229, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 229, 229);  
box-shadow:4px 4px 4px 4px rgb(254, 229,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 83.0352, 82.7666, 85.7279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 229, 229) }
```

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

```
.background{ background-color: rgb(254,  
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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