

Converting Colors

XYZ(82.6702, 82.5784, 85.7108)

Have a look what the booklet for
XYZ(82.6702, 82.5784, 85.7108)
contains.

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Color

**XYZ(82.6702, 82.5784,
85.7108)**

Conversions

Conversions Part 1

Format	Color
Hex	FDE5E5
RGB	253, 229, 229
RGB Percent	99%, 90%, 90%
CMY	0.0078, 0.1019, 0.1020
CMYK	0.00, 0.09, 0.09, 0.01
HSL	0°, 86%, 95%
HSV	0°, 9%, 99%
XYZ	82.6702, 82.5784, 85.7108
YIQ	236.1760, 14.3040, 5.0880

Conversions

Conversions Part 2

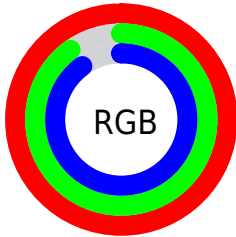
Format	Color
R _Y B	253, 229, 229
Decimal	16639461
CIE Lab	92.83, 8.19, 2.97
CIE LCh	93, 8.710, 19.941
Yxy	82.5784, 0.3294, 0.3291
Android (android.graphics.Color)	4294829541 (0xFFFDE5E5)
YUV	236.1760, -3.5378, 14.7546
Hunter-Lab	90.8727, 3.3609, 7.6887

Details

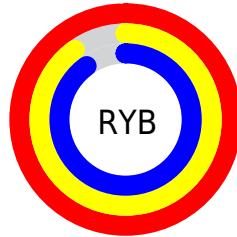
The XYZ color **82.6702, 82.5784, 85.7108** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.1677, 93.9988, 106.5843**, and the grayscale version is **79.8841, 84.0443, 91.5243**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.5410, 45.0639, 46.3423** is the 20% darker color. If you saturate the color by 10%, you get **72.8959, 68.2764, 66.2759**, and if you desaturate by 10%, it is **93.9838, 99.1331, 108.2006**.

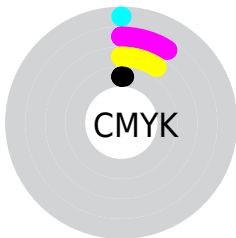
Distribution



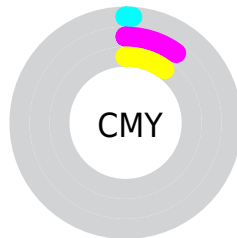
- Red (99%)
- Green (90%)
- Blue (90%)



- Red (99%)
- Yellow (90%)
- Blue (90%)



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





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.6702, 82.5784, 85.7108 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 82.6702, 82.5784, 85.7108 by changing the saturation by 10% instead.


 82.6702, 82.5784,
85.7108

 82.6702, 82.5784,
85.7108


492.4873,
503.5804, 534.1829

 62.2341, 61.8424,
63.8753


136.0444,
136.9848, 143.2488

 45.4782, 44.9054,
46.1042


169.7132,
171.4240, 179.7884

 32.0371, 31.3829,
31.9788


208.5236,
211.1998, 222.0665

 21.5456, 20.8906,
21.0806

252.8410,
256.6965, 270.5016

 13.6381, 13.0441,
12.9911

303.0307,
308.2985, 325.5123

 7.9494, 7.4589,
7.2918

359.4581,

 4.1141, 3.7507,

366.3902, 387.5170

3.5640

422.4885,
431.3560, 456.9344

■ 1.7669, 1.5351,
1.3894

■ 0.4976, 0.3132,
0.1334

■ 82.6702, 82.5784,
85.7108

■ 82.6702, 82.5784,
85.7108

■ 72.8959, 68.2764,
66.2759

■ 93.9838, 99.1331,
108.2006

■ 64.5878, 56.1195,
49.7591

■ 94.3185, 99.6229,
108.8658

■ 57.6774, 46.0077,
36.0213

■ 52.0879, 37.8286,
24.9098

■ 47.7351, 31.4591,
16.2573

■ 44.5253, 26.7619,
9.8773

■ 42.3512, 23.5803,
5.5564

■ 41.0855, 21.7277,
3.0413

■ 40.5302, 20.9149,
1.9382

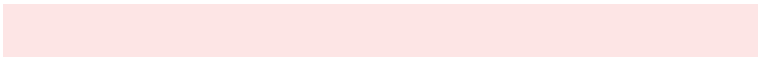
Harmonies

Analogous

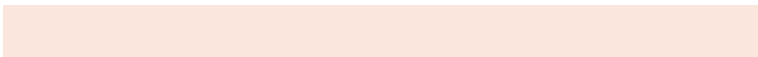
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.8722, 82.5784, 92.1185



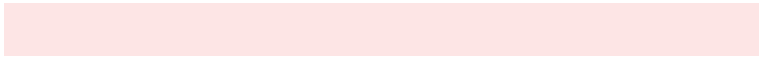
82.6702, 82.5784, 85.7108



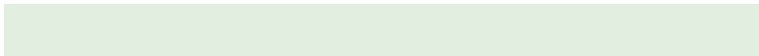
81.3357, 82.5784, 80.6671

Triad

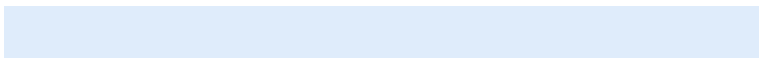
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.6702, 82.5784, 85.7108



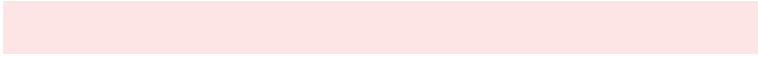
75.1894, 82.5784, 82.0941



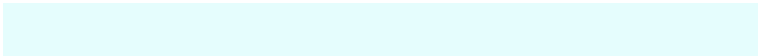
77.7272, 82.5784, 102.8142

Complementary

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



82.6702, 82.5784, 85.7108



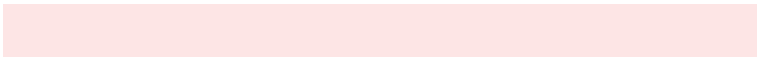
85.1677, 93.9988, 106.5843

Split Complementary

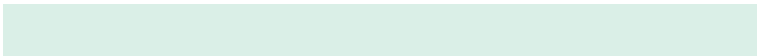
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.7082, 82.5784, 99.8415



82.6702, 82.5784, 85.7108



74.2618, 82.5784, 87.7447

Square

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



82.6702, 82.5784, 85.7108



77.0067, 82.5784, 78.6499



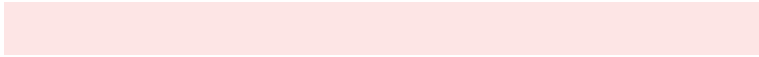
74.4498, 82.5784, 94.2521



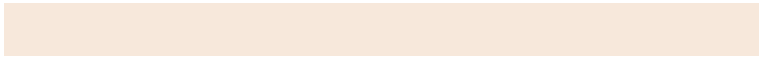
79.9888, 82.5784, 102.2049

Rectangle

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



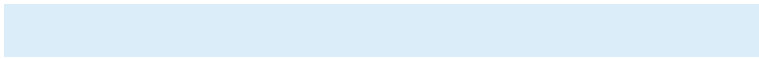
82.6702, 82.5784, 85.7108



79.9973, 82.5784, 78.6579



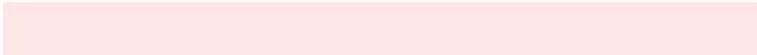
74.4498, 82.5784, 94.2521



76.9983, 82.5784, 102.1954

Sweetspot

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



82.6725, 82.5820, 85.7126



91.4509, 94.7337, 101.7446



86.2580, 84.0143, 104.5996



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.



82.6725, 82.5820, 85.7126



82.5550, 81.7169, 84.0587



86.1073, 89.4516, 86.8575



18.0097, 17.9876, 18.6671



21.5492, 11.1096, 1.0086



2.0983, 1.0819, 0.0982

Inverse Universe

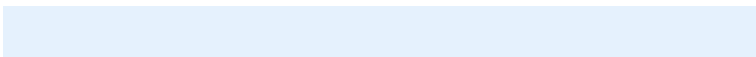
The Inverse Universe completely reimagines the original color for something new.



85.1677, 93.9988, 106.5843



85.4712, 95.0595, 108.4513



81.4992, 86.6617, 105.3614



18.5547, 20.4809, 23.2252



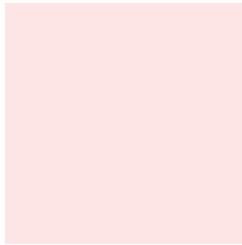
28.1093, 41.1283, 55.8916



2.7370, 4.0047, 5.4420

Previews

White Background



This preview shows how the XYZ color 82.6702, 82.5784, 85.7108 looks on a white background.

Color Contrast Check

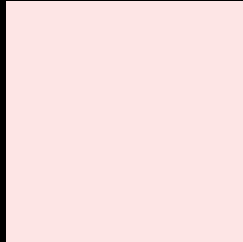
Large Text (above 18pt) WCAG AA × Fail

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 82.6702, 82.5784, 85.7108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

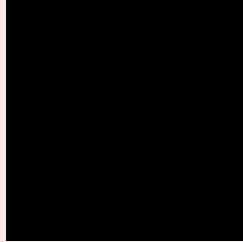
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

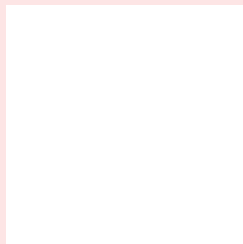
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.6702, 82.5784, 85.7108

Background



This preview shows how black text looks on a background with the XYZ color 82.6702, 82.5784, 85.7108.



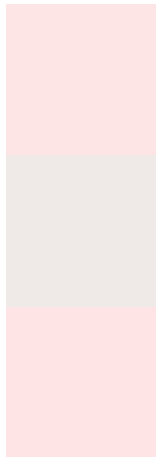
This preview shows how white text looks on a background with the XYZ color 82.6702, 82.5784,

85.7108.

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

82.6702, 82.5784, 85.7108

Protanopia

79.1593, 82.3981, 87.3336

Deuteranopia

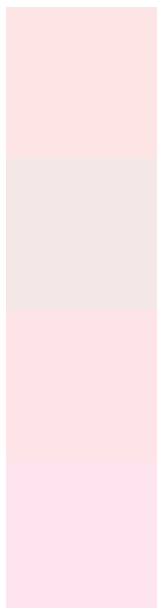
83.2663, 82.4600, 86.3907



Tritanopia

85.0382, 82.7298, 97.0744

Trichromacy



Original Color

82.6702, 82.5784, 85.7108

Protanomaly

80.4478, 82.6595, 86.5777

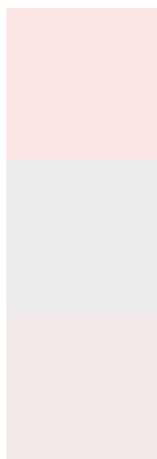
Deuteranomaly

82.8994, 82.2708, 86.3735

Tritanomaly

84.1964, 82.7896, 93.2037

Monochromacy



Original Color

82.6702, 82.5784, 85.7108

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

80.4648, 83.0383, 88.8778

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.6702, 82.5784, 85.7108 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, 229)` looks like.

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

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

Border

The CSS property to change the border of an element to XYZ 82.6702, 82.5784, 85.7108 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, 229) }
```


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

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

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

Background

The CSS property to change the background color of an element to XYZ 82.6702, 82.5784, 85.7108 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, 229) }
```

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

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