

Converting Colors

XYZ(82.8754, 81.8428, 85.7527)

Have a look what the booklet for
XYZ(82.8754, 81.8428, 85.7527)
contains.

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Color

**XYZ(82.8519, 81.8553,
85.5616)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE3E5
RGB	255, 227, 229
RGB Percent	100%, 89%, 90%
CMY	0.0000, 0.1098, 0.1020
CMYK	0.00, 0.11, 0.10, 0.00
HSL	356°, 100%, 95%
HSV	356°, 11%, 100%
XYZ	82.8519, 81.8553, 85.5616
YIQ	235.6000, 16.0460, 6.5580

Conversions

Conversions Part 2

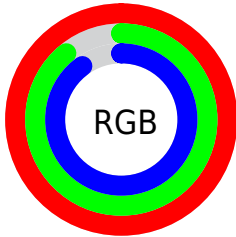
Format	Color
R _Y B	255, 227, 229
Decimal	16770021
CIE Lab	92.51, 9.91, 2.53
CIE LCh	93, 10.228, 14.313
Yxy	81.8553, 0.3311, 0.3271
Android (android.graphics.Color)	4294960101 (0xFFFFE3E5)
YUV	235.6000, -3.2538, 17.0138
Hunter-Lab	90.4739, 5.1328, 7.2609

Details

The XYZ color **82.8519, 81.8553, 85.5616** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **85.1708, 94.9440, 106.7693**, and the grayscale version is **79.4402, 83.5773, 91.0157**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.6812, 44.5668, 46.2390** is the 20% darker color. If you saturate the color by 10%, you get **73.3029, 67.6929, 67.1624**, and if you desaturate by 10%, it is **93.8888, 98.2708, 106.6844**.

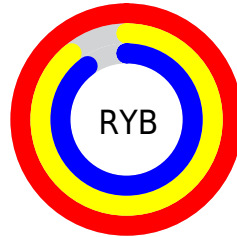
Distribution



Red (100%)

Green (89%)

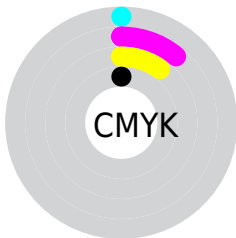
Blue (90%)



Red (100%)

Yellow (89%)

Blue (90%)

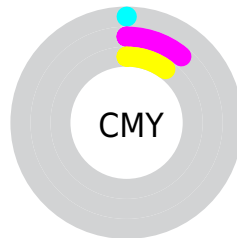


Cyan (0%)

Magenta (11%)

Yellow (10%)

Black (0%)



Cyan (0%)


Magenta (11%)


Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.8519, 81.8553, 85.5616 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 82.8519, 81.8553, 85.5616 by changing the saturation by 10% instead.


 82.8519, 81.8553,
85.5616

 82.8519, 81.8553,
85.5616


493.0842,
501.1635, 533.6775

 62.3845, 61.2463,
63.7527


136.2976,
135.9711, 143.0387

 45.6002, 44.4239,
46.0055

170.0066,
170.2466, 179.5439

 32.1337, 31.0039,
31.9015


208.8602,
209.8464, 221.7850

 21.6197, 20.6018,
21.0221

253.2237,
255.1549, 270.1806

 13.6928, 12.8333,
12.9487

303.4625,
306.5565, 325.1490

 7.9876, 7.3138,
7.2629

359.9420,

 4.1387, 3.6591,

364.4355, 387.1090

3.5461

423.0274,
429.1764, 456.4790

■ 1.7809, 1.4848,
1.3798

■ 0.5061, 0.2780,
0.1259

■ 82.8519, 81.8553,
85.5616

■ 82.8519, 81.8553,
85.5616

■ 73.3029, 67.6929,
67.1624

■ 93.8888, 98.2708,
106.6844

■ 65.1725, 55.6755,
51.3710

■ 95.0500, 100.0000,
108.9000

■ 58.3949, 45.7016,
38.0708

■ 52.8965, 37.6576,
27.1347

■ 48.5967, 31.4186,
18.4239

■ 45.4057, 26.8450,
11.7855

■ 43.2213, 23.7769,
7.0471

■ 41.9218, 22.0231,
4.0083

■ 41.3506, 21.3043,
2.5126

Harmonies

Analogous

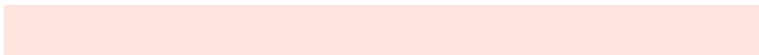
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.8189, 81.8553, 93.1374



82.8519, 81.8553, 85.5616



81.5104, 81.8553, 79.3005

Triad

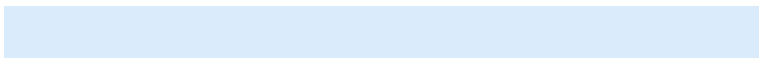
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.8519, 81.8553, 85.5616



74.2898, 81.8553, 79.0714



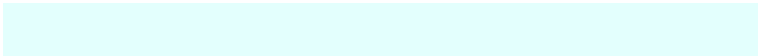
76.4292, 81.8553, 103.9526

Complementary

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



82.8519, 81.8553, 85.5616



85.1708, 94.9440, 106.7693

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.



74.2059, 81.8553, 99.7324



82.8519, 81.8553, 85.5616



72.9900, 81.8553, 85.2325

Square

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



82.8519, 81.8553, 85.5616



76.5461, 81.8553, 75.7003



72.9597, 81.8553, 92.7891



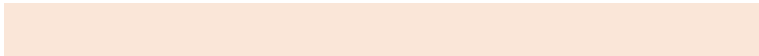
79.0696, 81.8553, 104.0531

Rectangle

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



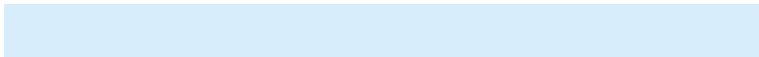
82.8519, 81.8553, 85.5616



80.0343, 81.8553, 76.5924



72.9597, 81.8553, 92.7891



75.6096, 81.8553, 102.9584

Sweetspot

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



82.8538, 81.8587, 85.5633



91.5349, 94.7666, 102.1892



85.9077, 82.9817, 106.0970



19.3962, 19.9922, 21.4980



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

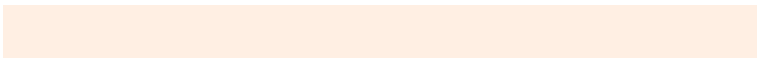
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.8538, 81.8587, 85.5633



80.8049, 78.8163, 81.6267



85.8760, 88.3465, 85.2039



18.0619, 18.0081, 18.9431



21.6256, 11.1395, 1.4129



2.1230, 1.0916, 0.2293

Inverse Universe

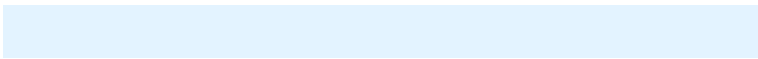
The Inverse Universe completely reimagines the original color for something new.



82.8538, 81.8587, 85.5633



80.8049, 78.8163, 81.6267



81.8817, 87.8543, 107.2497



18.0619, 18.0081, 18.9431



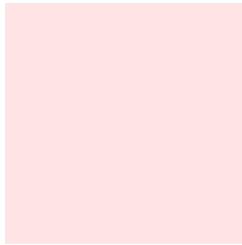
21.6256, 11.1395, 1.4129



2.1230, 1.0916, 0.2293

Previews

White Background



This preview shows how the XYZ color 82.8519, 81.8553, 85.5616 looks on a white background.

Color Contrast Check

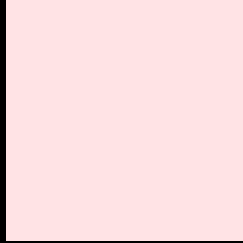
Large Text (above 18pt) WCAG AA × Fail

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 82.8519, 81.8553, 85.5616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

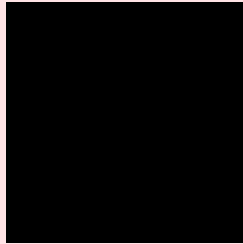
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.8519, 81.8553, 85.5616

Background



This preview shows how black text looks on a background with the XYZ color 82.8519, 81.8553, 85.5616.



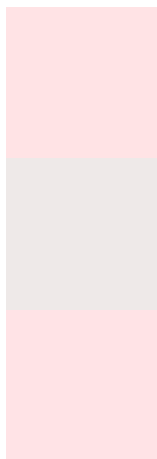
This preview shows how white text looks on a background with the XYZ color 82.8519, 81.8553,

85.5616.

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

82.8519, 81.8553, 85.5616

Protanopia

78.9643, 82.2812, 88.0639

Deuteranopia

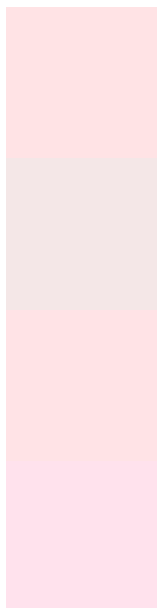
82.9920, 81.9113, 86.2992



Tritanopia

84.4634, 82.0635, 95.3925

Trichromacy



Original Color

82.8519, 81.8553, 85.5616

Protanomaly

80.3079, 82.1544, 87.2260

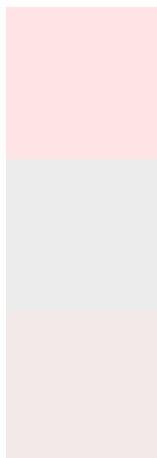
Deuteranomaly

82.9920, 81.9113, 86.2992

Tritanomaly

83.7224, 81.7671, 91.4908

Monochromacy



Original Color

82.8519, 81.8553, 85.5616

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 82.8519, 81.8553, 85.5616 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, 227, 229)` looks like.

```
.text, #text, p{  
    color:rgb(255, 227, 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, 227, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 227, 229) }
```

Border

The CSS property to change the border of an element to XYZ 82.8519, 81.8553, 85.5616 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, 227, 229) }
```


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

```
.border{ border-color:rgb(255, 227, 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, 227, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 227, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 227, 229);  
box-shadow:4px 4px 4px 4px rgb(255, 227,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 82.8519, 81.8553, 85.5616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 227, 229) }
```

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

```
.background{ background-color: rgb(255,  
227, 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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