

Converting Colors

XYZ(86.5303, 84.2706, 85.5795)

Have a look what the booklet for
XYZ(86.5303, 84.2706, 85.5795)
contains.

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Color

**XYZ(83.1263, 82.4039,
85.6531)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE4E5
RGB	255, 228, 229
RGB Percent	100%, 89%, 90%
CMY	0.0000, 0.1059, 0.1020
CMYK	0.00, 0.11, 0.10, 0.00
HSL	358°, 100%, 95%
HSV	358°, 11%, 100%
XYZ	83.1263, 82.4039, 85.6531
YIQ	236.1870, 15.7710, 6.0350

Conversions

Conversions Part 2

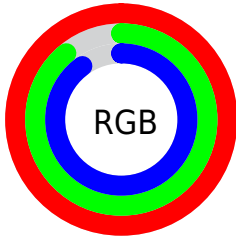
Format	Color
R _Y B	255, 228, 229
Decimal	16770277
CIE Lab	92.75, 9.39, 2.88
CIE LCh	93, 9.826, 17.042
Yxy	82.4039, 0.3309, 0.3281
Android (android.graphics.Color)	4294960357 (0xFFFFE4E5)
YUV	236.1870, -3.5432, 16.4990
Hunter-Lab	90.7766, 4.5977, 7.6000

Details

The XYZ color **83.1263, 82.4039, 85.6531** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **85.6469, 95.1710, 107.6253**, and the grayscale version is **79.8915, 84.0520, 91.5327**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.8723, 44.9489, 46.3027** is the 20% darker color. If you saturate the color by 10%, you get **73.4317, 68.1198, 66.6834**, and if you desaturate by 10%, it is **94.3444, 98.9581, 107.5261**.

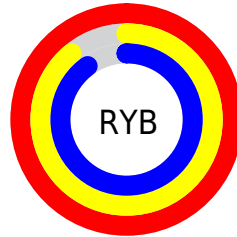
Distribution



Red (100%)

Green (89%)

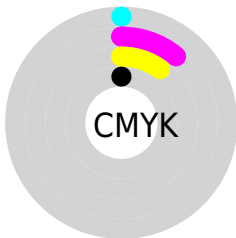
Blue (90%)



Red (100%)

Yellow (89%)

Blue (90%)

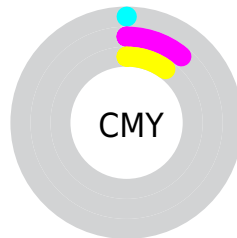


Cyan (0%)

Magenta (11%)

Yellow (10%)

Black (0%)



Cyan (0%)


Magenta (11%)


Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.1263, 82.4039, 85.6531 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 83.1263, 82.4039, 85.6531 by changing the saturation by 10% instead.


 83.1263, 82.4039,
85.6531

 83.1263, 82.4039,
85.6531

493.9849,
502.9977, 533.9875

 62.6116, 61.6985,
63.8279

136.6799,
136.7403, 143.1676

 45.7845, 44.7891,
46.0660


170.4496,
171.1400, 179.6939

 32.2797, 31.2914,
31.9489


209.3683,
210.8734, 221.9577

 21.7318, 20.8208,
21.0580

253.8014,
256.3247, 270.3775

 13.7755, 12.9931,
12.9747

304.1143,
307.8784, 325.3718

 8.0453, 7.4238,
7.2806

360.6722,

 4.1760, 3.7285,

365.9189, 387.3593

3.5571

423.8407,
430.8305, 456.7583

■ 1.8022, 1.5229,
1.3857

■ 0.5190, 0.3048,
0.1305

■ 83.1263, 82.4039,
85.6531

■ 83.1263, 82.4039,
85.6531

■ 73.4317, 68.1198,
66.6834

94.3444, 98.9581,
107.5261

■ 65.1896, 55.9971,
50.4902

95.0500, 100.0000,
108.9000

■ 58.3318, 45.9339,
36.9447

■ 52.7824, 37.8155,
25.9062

■ 48.4580, 31.5166,
17.2209

■ 45.2660, 26.8968,
10.7179

■ 43.1003, 23.7955,
6.2035

■ 41.8347, 22.0207,
3.4498

■ 41.2915, 21.2806,
2.2014

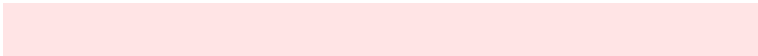
Harmonies

Analogous

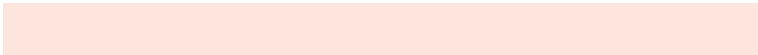
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.2209, 82.4039, 92.9240



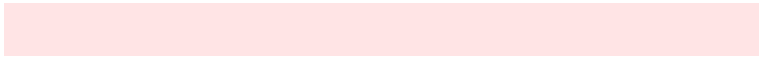
83.1263, 82.4039, 85.6531



81.7269, 82.4039, 79.7917

Triad

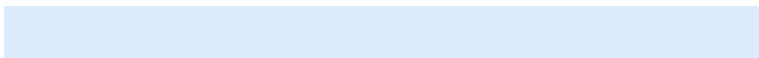
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.1263, 82.4039, 85.6531



74.7730, 82.4039, 80.4509



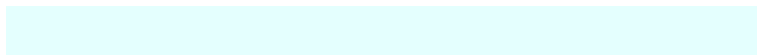
77.2232, 82.4039, 104.1838

Complementary

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



83.1263, 82.4039, 85.6531



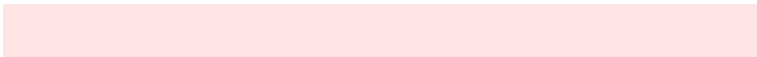
85.6469, 95.1710, 107.6253

Split Complementary

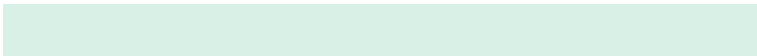
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.0139, 82.4039, 100.4478



83.1263, 82.4039, 85.6531



73.6201, 82.4039, 86.5980

Square

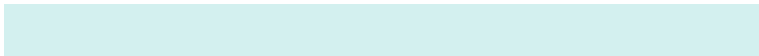
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.1263, 82.4039, 85.6531



76.8878, 82.4039, 76.9024



73.7073, 82.4039, 93.9216



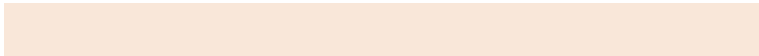
79.7748, 82.4039, 103.8966

Rectangle

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



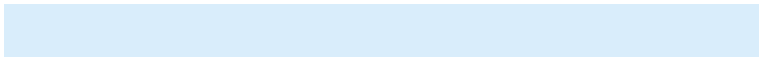
83.1263, 82.4039, 85.6531



80.2592, 82.4039, 77.3525



73.7073, 82.4039, 93.9216



76.4170, 82.4039, 103.3486

Sweetspot

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



83.1281, 82.4073, 85.6548



91.4942, 94.7503, 101.9744



86.5402, 83.7150, 106.2052



19.3852, 19.9878, 21.4403



0.0000, 0.0000, 0.0000



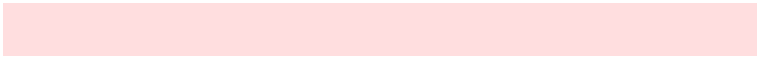
20.3446, 21.4041, 23.3091

Same Dimension

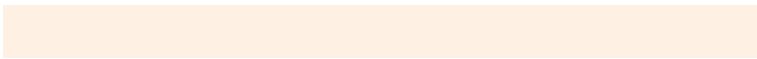
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.1281, 82.4073, 85.6548



80.6506, 78.7545, 80.8139



86.4496, 89.2722, 86.0780



18.0365, 17.9979, 18.8095



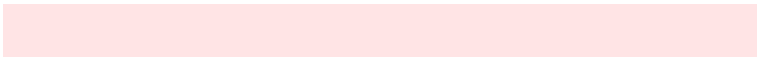
21.5874, 11.1243, 1.2120



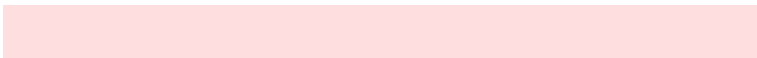
2.1110, 1.0868, 0.1660

Inverse Universe

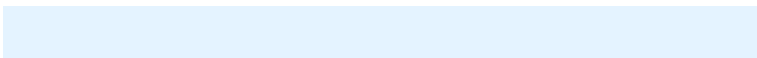
The Inverse Universe completely reimagines the original color for something new.



83.1281, 82.4073, 85.6548



80.6506, 78.7545, 80.8139



82.0533, 87.7280, 107.2163



18.0365, 17.9979, 18.8095



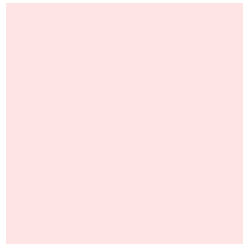
21.5874, 11.1243, 1.2120



2.1110, 1.0868, 0.1660

Previews

White Background



This preview shows how the XYZ color 83.1263, 82.4039, 85.6531 looks on a white background.

Color Contrast Check

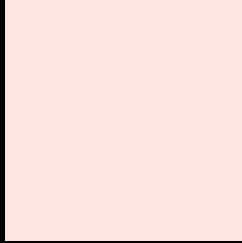
Large Text (above 18pt) WCAG AA × Fail

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 83.1263, 82.4039, 85.6531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

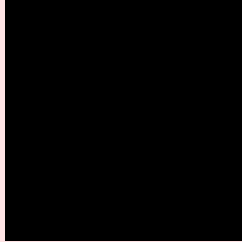
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

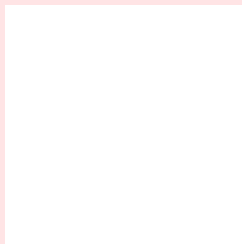
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 83.1263, 82.4039, 85.6531

Background



This preview shows how black text looks on a background with the XYZ color 83.1263, 82.4039, 85.6531.



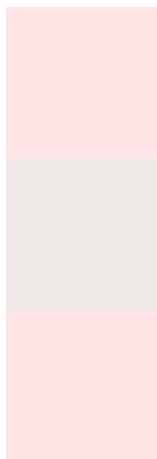
This preview shows how white text looks on a background with the XYZ color 83.1263, 82.4039,

85.6531.

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

83.1263, 82.4039, 85.6531

Protanopia

79.3010, 82.4547, 88.0797

Deuteranopia

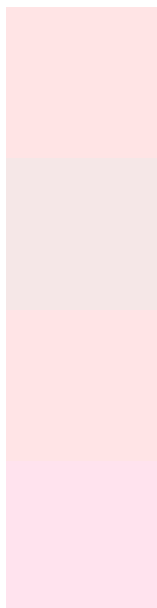
83.2663, 82.4600, 86.3907



Tritanopia

84.8867, 82.6692, 96.2768

Trichromacy



Original Color

83.1263, 82.4039, 85.6531

Protanomaly

80.6559, 82.3338, 87.2423

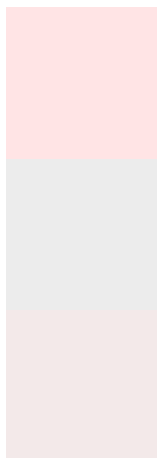
Deuteranomaly

83.2663, 82.4600, 86.3907

Tritanomaly

84.1417, 82.3712, 92.3534

Monochromacy



Original Color

83.1263, 82.4039, 85.6531

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 83.1263, 82.4039, 85.6531 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, 228, 229) looks like.

```
.text, #text, p{  
    color:rgb(255, 228, 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, 228, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 228, 229) }
```

Border

The CSS property to change the border of an element to XYZ 83.1263, 82.4039, 85.6531 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, 228, 229) }
```


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

```
.border{ border-color:rgb(255, 228, 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, 228, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 228, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 228, 229);  
box-shadow:4px 4px 4px 4px rgb(255, 228,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 83.1263, 82.4039, 85.6531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 228, 229) }
```

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

```
.background{ background-color: rgb(255,  
228, 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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