

Converting Colors

XYZ(86.8200, 84.7286, 81.5601)

Have a look what the booklet for
XYZ(86.8200, 84.7286, 81.5601)
contains.

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Color

**XYZ(82.5786, 82.6263,
81.4082)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE5DF
RGB	255, 229, 223
RGB Percent	100%, 90%, 87%
CMY	0.0000, 0.1019, 0.1255
CMYK	0.00, 0.10, 0.13, 0.00
HSL	11°, 100%, 94%
HSV	11°, 13%, 100%
XYZ	82.5786, 82.6263, 81.4082
YIQ	236.0900, 17.4220, 3.6460

Conversions

Conversions Part 2

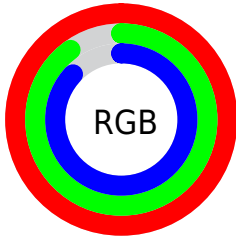
Format	Color
R _Y B	255, 230, 223
Decimal	16770527
CIE Lab	92.85, 7.92, 6.15
CIE LCh	93, 10.028, 37.828
Yxy	82.6263, 0.3349, 0.3350
Android (android.graphics.Color)	4294960607 (0xFFFFE5DF)
YUV	236.0900, -6.4534, 16.5841
Hunter-Lab	90.8990, 3.0878, 10.5298

Details

The XYZ color **82.5786, 82.6263, 81.4082** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82.3563, 90.6569, 107.7656**, and the grayscale version is **79.8379, 83.9957, 91.4713**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.4926, 45.1050, 43.3542** is the 20% darker color. If you saturate the color by 10%, you get **74.0025, 70.5680, 62.8459**, and if you desaturate by 10%, it is **92.3602, 96.2665, 102.9290**.

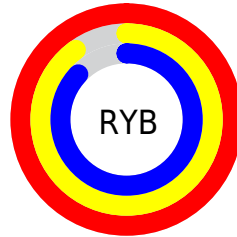
Distribution



Red (100%)

Green (90%)

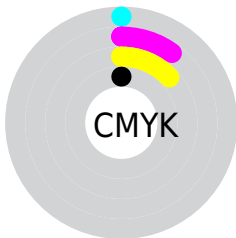
Blue (87%)



Red (100%)

Yellow (90%)

Blue (87%)

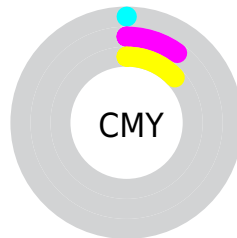


Cyan (0%)

Magenta (10%)

Yellow (13%)

Black (0%)



Cyan (0%)

Magenta (10%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.5786, 82.6263, 81.4082 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 82.5786, 82.6263, 81.4082 by changing the saturation by 10% instead.

 82.5786, 82.6263,
81.4082

 82.5786, 82.6263,
81.4082


492.1862,
503.7402, 519.4974

 62.1583, 61.8819,
60.3449


135.9167,
137.0519, 137.1730

 45.4167, 44.9373,
43.2696


169.5652,
171.5020, 172.7116

 31.9885, 31.4080,
29.7637

208.3538,
211.2894, 213.9123

 21.5082, 20.9098,
19.4088

252.6480,
256.7985, 261.1938

 13.6105, 13.0581,
11.7862

302.8129,
308.4137, 314.9744

 7.9302, 7.4685,
6.4775

359.2140,

 4.1017, 3.7568,

366.5195, 375.6729

3.0641

422.2167,
431.5002, 443.7077

■ 1.7598, 1.5385,
1.1275

■ 0.4933, 0.3156,
0.0000

■ 82.5786, 82.6263,
81.4082

■ 82.5786, 82.6263,
81.4082

■ 74.0025, 70.5680,
62.8459

■ 92.3602, 96.2665,
102.9290

■ 66.5793, 60.0241,
47.1073

95.0500, 100.0000,
108.9000

■ 60.2607, 50.9375,
34.0550

■ 54.9927, 43.2433,
23.5381

■ 50.7167, 36.8719,
15.3904

■ 47.3682, 31.7475,
9.4259

■ 44.8745, 27.7864,
5.4308

■ 43.1509, 24.8938,
3.1468

■ 42.2908, 23.3616,
2.2803

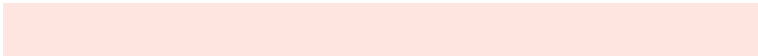
Harmonies

Analogous

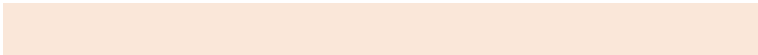
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.6287, 82.6263, 88.0160



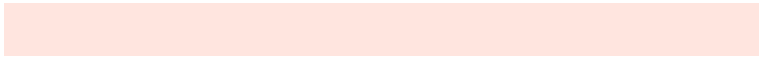
82.5786, 82.6263, 81.4082



80.4495, 82.6263, 77.2611

Triad

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



82.5786, 82.6263, 81.4082



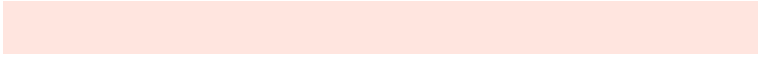
73.9624, 82.6263, 84.6327



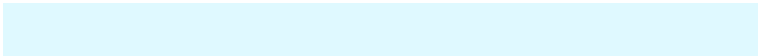
79.2217, 82.6263, 105.0224

Complementary

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



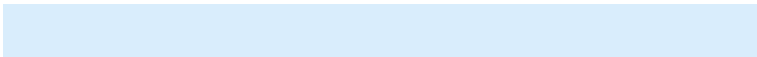
82.5786, 82.6263, 81.4082



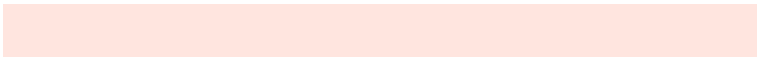
82.3563, 90.6569, 107.7656

Split Complementary

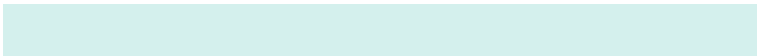
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.6488, 82.6263, 103.9925



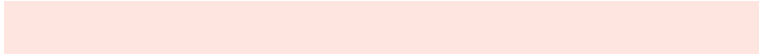
82.5786, 82.6263, 81.4082



73.6502, 82.6263, 91.9446

Square

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



82.5786, 82.6263, 81.4082



75.4859, 82.6263, 79.0494



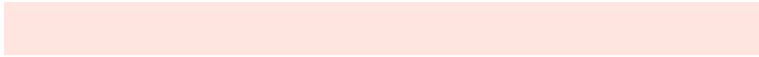
74.6233, 82.6263, 99.1034



81.6627, 82.6263, 101.8441

Rectangle

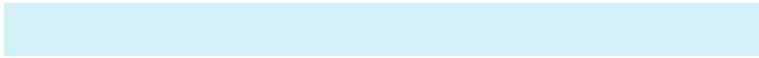
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



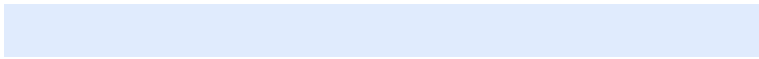
82.5786, 82.6263, 81.4082



78.7248, 82.6263, 76.3109



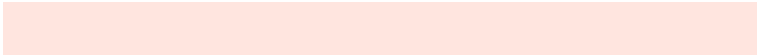
74.6233, 82.6263, 99.1034



78.3432, 82.6263, 105.1599

Sweetspot

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



82.5805, 82.6298, 81.4099



90.8643, 94.1871, 99.6171



84.7479, 80.8842, 100.8774



19.2850, 19.9321, 20.9602



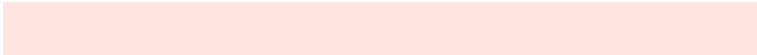
0.0000, 0.0000, 0.0000



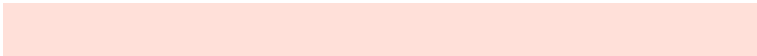
20.3446, 21.4041, 23.3091

Same Dimension

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



82.5805, 82.6298, 81.4099



80.3680, 79.5291, 76.5901



87.1718, 91.8123, 82.9404



18.2851, 18.5384, 18.7589



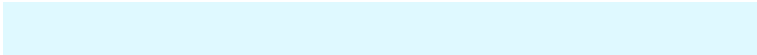
22.1763, 12.3637, 1.2176



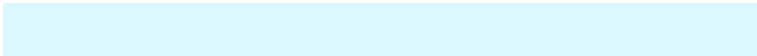
2.2291, 1.3437, 0.1419

Inverse Universe

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



82.3563, 90.6569, 107.7656



80.1039, 88.9592, 107.5567



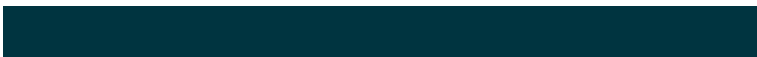
77.6590, 81.2623, 106.1999



18.2481, 19.8678, 23.1230



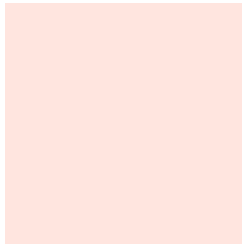
21.2134, 27.3363, 53.5930



2.1368, 2.8044, 5.2420

Previews

White Background



This preview shows how the XYZ color 82.5786, 82.6263, 81.4082 looks on a white background.

Color Contrast Check

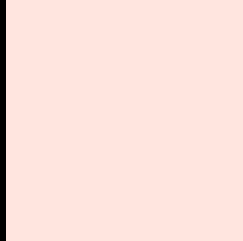
Large Text (above 18pt) WCAG AA × Fail

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 82.5786, 82.6263, 81.4082 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

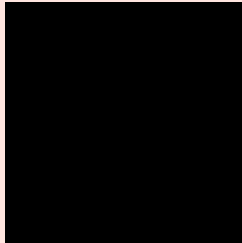
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.5786, 82.6263, 81.4082

Background



This preview shows how black text looks on a background with the XYZ color 82.5786, 82.6263, 81.4082.



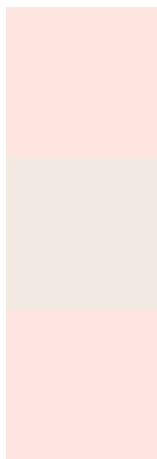
This preview shows how white text looks on a background with the XYZ color 82.5786, 82.6263,

81.4082.

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

82.5786, 82.6263, 81.4082

Protanopia

79.4259, 83.0374, 83.7931

Deuteranopia

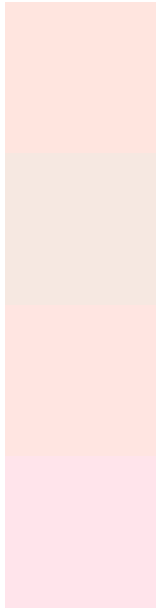
82.9868, 82.7896, 83.5576



Tritanopia

84.7361, 82.6090, 95.4835

Trichromacy



Original Color

82.5786, 82.6263, 81.4082

Protanomaly

80.4533, 82.7423, 82.9647

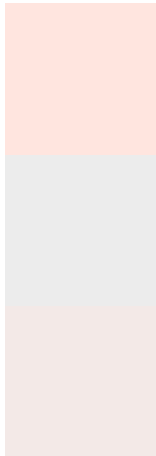
Deuteranomaly

82.8499, 82.7349, 82.8369

Tritanomaly

83.9788, 82.7450, 90.1425

Monochromacy



Original Color

82.5786, 82.6263, 81.4082

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

80.5249, 83.1020, 87.3975

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.5786, 82.6263, 81.4082 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, 223) looks like.

```
.text, #text, p{  
    color:rgb(255, 229, 223)  
}
```

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, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 229, 223) }
```

Border

The CSS property to change the border of an element to XYZ 82.5786, 82.6263, 81.4082 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, 223) }
```


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

```
.border{ border-color:rgb(255, 229, 223) }
```

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, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 229, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 229, 223);  
box-shadow:4px 4px 4px 4px rgb(255, 229,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 82.5786, 82.6263, 81.4082 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, 223) }
```

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

```
.background{ background-color: rgb(255,  
229, 223) }
```

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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