

Converting Colors

XYZ(113.8467, 96.2469,
88.2748)

Have a look what the booklet for
XYZ(113.8467, 96.2469, 88.2748)
contains.

XYZ(82.0515, 79.8049, 86.6806)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(82.0515, 79.8049,
86.6806)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDFE7
RGB	255, 223, 231
RGB Percent	100%, 87%, 91%
CMY	0.0000, 0.1255, 0.0941
CMYK	0.00, 0.13, 0.09, 0.00
HSL	345°, 100%, 94%
HSV	345°, 13%, 100%
XYZ	82.0515, 79.8049, 86.6806
YIQ	233.4800, 16.5040, 9.2720

Conversions

Conversions Part 2

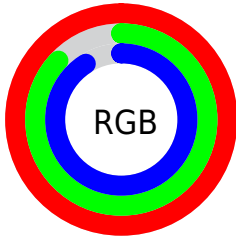
Format	Color
R_{YB}	255, 223, 231
Decimal	16768999
CIE _{Lab}	91.60, 12.31, 0.15
CIE _{LCh}	92, 12.306, 0.708
Yxy	79.8049, 0.3301, 0.3211
Android (android.graphics.Color)	4294959079 (0xFFFFDFE7)
YUV	233.4800, -1.2226, 18.8730
Hunter-Lab	89.3336, 7.6157, 5.0043

Details

The XYZ color **82.0515, 79.8049, 86.6806** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82.9825, 93.9246, 101.7550**, and the grayscale version is **77.8157, 81.8682, 89.1544**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.0292, 43.1062, 46.5045** is the 20% darker color. If you saturate the color by 10%, you get **73.1891, 66.1698, 71.1187**, and if you desaturate by 10%, it is **92.2388, 95.6166, 104.1429**.

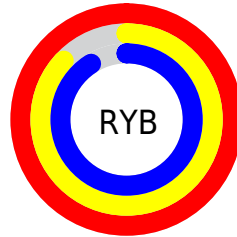
Distribution



Red (100%)

Green (87%)

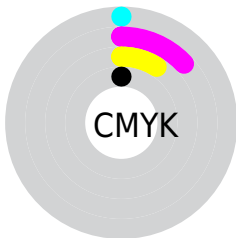
Blue (91%)



Red (100%)

Yellow (87%)

Blue (91%)

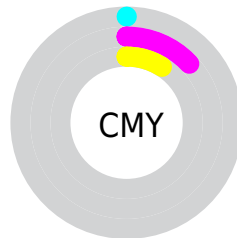


Cyan (0%)

Magenta (13%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (13%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.0515, 79.8049, 86.6806 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 82.0515, 79.8049, 86.6806 by changing the saturation by 10% instead.


 82.0515, 79.8049,
86.6806

 82.0515, 79.8049,
86.6806


490.4518,
494.2751, 537.4617

 61.7222, 59.5578,
64.6728


135.1817,
133.0914, 144.6138

 45.0631, 43.0623,
46.7462


168.7133,
166.8996, 181.3763

 31.7086, 29.9340,
32.4821


207.3764,
205.9970, 223.8941

 21.2935, 19.7885,
21.4622

251.5364,
250.7679, 272.5857

 13.4524, 12.2414,
13.2677

301.5585,
301.5968, 327.8698

 7.8199, 6.9083,
7.4803

357.8083,

 4.0308, 3.4048,

358.8680, 390.1648

3.6813

420.6509,
422.9660, 459.8892

■ 1.7196, 1.3466,
1.4522

■ 0.4685, 0.1768,
0.1819

■ 82.0515, 79.8049,
86.6806

■ 82.0515, 79.8049,
86.6806

■ 73.1891, 66.1698,
71.1187

■ 92.2388, 95.6166,
104.1429

■ 65.5911, 54.6063,
57.3871

95.0500, 100.0000,
108.9000

■ 59.2000, 45.0153,
45.4187

■ 53.9519, 37.2857,
35.1404

■ 49.7768, 31.2954,
26.4735

■ 46.5967, 26.9076,
19.3331

■ 44.3224, 23.9644,
13.6256

■ 42.8475, 22.2758,
9.2457

■ 42.1576, 21.6271,
6.7622

Harmonies

Analogous

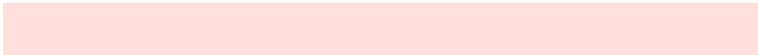
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.2411, 79.8049, 95.6324



82.0515, 79.8049, 86.6806



81.1630, 79.8049, 78.3590

Triad

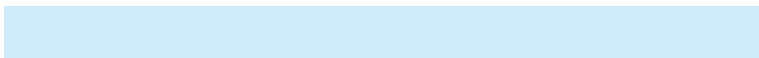
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.0515, 79.8049, 86.6806



72.8103, 79.8049, 72.8577



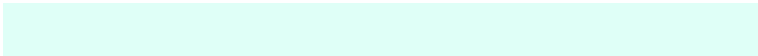
72.9361, 79.8049, 102.8651

Complementary

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



82.0515, 79.8049, 86.6806



82.9825, 93.9246, 101.7550

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.



70.7782, 79.8049, 96.0272



82.0515, 79.8049, 86.6806



70.7070, 79.8049, 78.7048

Square

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



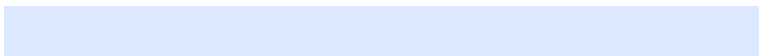
82.0515, 79.8049, 86.6806



75.7776, 79.8049, 70.7240



69.9732, 79.8049, 87.1077



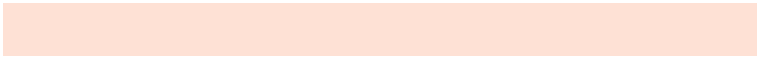
75.9268, 79.8049, 105.3579

Rectangle

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



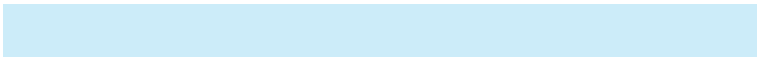
82.0515, 79.8049, 86.6806



79.7406, 79.8049, 74.1859



69.9732, 79.8049, 87.1077



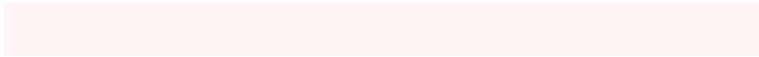
72.0922, 79.8049, 100.9762

Sweetspot

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



82.0533, 79.8082, 86.6823



90.6744, 93.1808, 101.4850



82.7976, 79.7730, 105.6416



19.2372, 19.6787, 21.4310



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

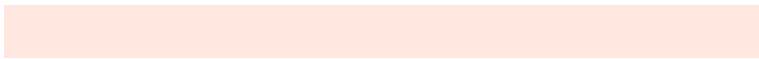
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.0533, 79.8082, 86.6823



79.7584, 76.2649, 82.6908



83.1373, 83.7424, 81.5984



18.1955, 18.0615, 19.6469



22.0781, 11.3205, 3.7955



2.1911, 1.1188, 0.5880

Inverse Universe

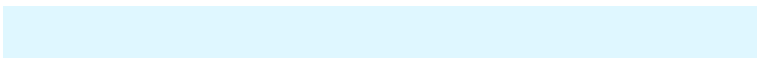
The Inverse Universe completely reimagines the original color for something new.



82.0533, 79.8082, 86.6823



79.7584, 76.2649, 82.6908



81.7445, 89.4314, 107.5613



18.1955, 18.0615, 19.6469



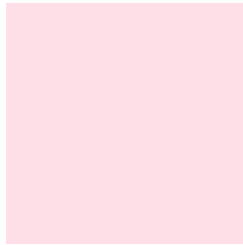
22.0781, 11.3205, 3.7955



2.1911, 1.1188, 0.5880

Previews

White Background



This preview shows how the XYZ color 82.0515, 79.8049, 86.6806 looks on a white background.

Color Contrast Check

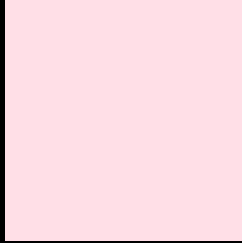
Large Text (above 18pt) WCAG AA × Fail

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 82.0515, 79.8049, 86.6806 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

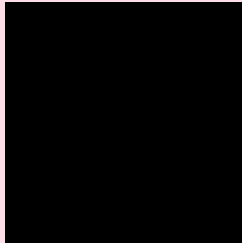
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.0515, 79.8049, 86.6806

Background



This preview shows how black text looks on a background with the XYZ color 82.0515, 79.8049, 86.6806.

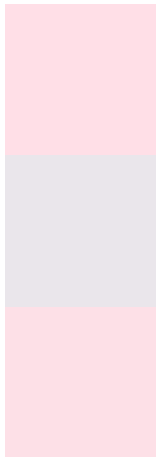


This preview shows how white text looks on a background with the XYZ color 82.0515, 79.8049,

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

82.0515, 79.8049, 86.6806

Protanopia

77.2239, 80.0842, 89.9849

Deuteranopia

81.5875, 79.9635, 86.7357



Tritanopia

82.9413, 79.7345, 92.6802

Trichromacy



Original Color

82.0515, 79.8049, 86.6806

Protanomaly

78.9383, 79.7559, 89.0758

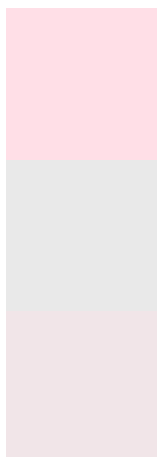
Deuteranomaly

81.9525, 80.1517, 86.7528

Tritanomaly

82.5016, 79.5587, 90.3649

Monochromacy



Original Color

82.0515, 79.8049, 86.6806

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

78.8604, 80.5656, 87.7383

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.0515, 79.8049, 86.6806 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, 223, 231)` looks like.

```
.text, #text, p{  
    color:rgb(255, 223, 231)  
}
```

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, 223, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 223, 231) }
```

Border

The CSS property to change the border of an element to XYZ 82.0515, 79.8049, 86.6806 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, 223, 231) }
```


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

```
.border{ border-color:rgb(255, 223, 231) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 223, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 223, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 223, 231);  
box-shadow:4px 4px 4px 4px rgb(255, 223,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 82.0515, 79.8049, 86.6806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 223, 231) }
```

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

```
.background{ background-color: rgb(255,  
223, 231) }
```

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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