

Converting Colors

XYZ(81.9027, 82.2831, 78.0736)

Have a look what the booklet for
XYZ(81.9027, 82.2831, 78.0736)
contains.

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Color

**XYZ(81.9142, 82.3606,
77.9095)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE5DA
RGB	255, 229, 218
RGB Percent	100%, 90%, 85%
CMY	0.0000, 0.1019, 0.1451
CMYK	0.00, 0.10, 0.15, 0.00
HSL	18°, 100%, 93%
HSV	18°, 15%, 100%
XYZ	81.9142, 82.3606, 77.9095
YIQ	235.5200, 19.0270, 2.0910

Conversions

Conversions Part 2

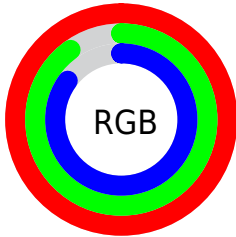
Format	Color
R _Y B	255, 234, 218
Decimal	16770522
CIE Lab	92.73, 7.14, 8.59
CIE LCh	93, 11.168, 50.254
Yxy	82.3606, 0.3382, 0.3401
Android (android.graphics.Color)	4294960602 (0xFFFFE5DA)
YUV	235.5200, -8.6374, 17.0840
Hunter-Lab	90.7527, 2.2983, 12.6276

Details

The XYZ color **81.9142, 82.3606, 77.9095** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.3133, 86.8243, 107.1863**, and the grayscale version is **79.4174, 83.5533, 90.9895**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.0356, 44.9222, 40.9476** is the 20% darker color. If you saturate the color by 10%, you get **74.1269, 71.7217, 60.0979**, and if you desaturate by 10%, it is **90.7304, 94.2350, 98.5990**.

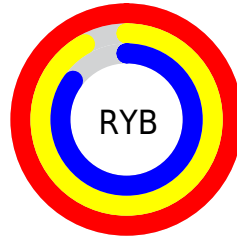
Distribution



Red (100%)

Green (90%)

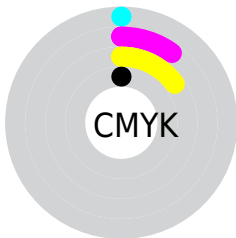
Blue (85%)



Red (100%)

Yellow (92%)

Blue (85%)

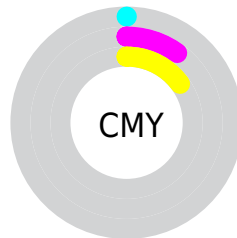


Cyan (0%)

Magenta (10%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (10%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.9142, 82.3606, 77.9095 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 81.9142, 82.3606, 77.9095 by changing the saturation by 10% instead.


 81.9142, 82.3606,
77.9095

 81.9142, 82.3606,
77.9095


489.9995,
502.8531, 507.3792

 61.6087, 61.6628,
57.4836


134.9901,
136.6796, 132.2072

 44.9710, 44.7603,
40.9817


168.4912,
171.0695, 166.9162

 31.6358, 31.2687,
27.9852


207.1216,
210.7924, 207.2233

 21.2376, 20.8035,
18.0756

251.2466,
256.2324, 253.5470

 13.4113, 12.9805,
10.8342

301.2315,
307.7742, 306.3059

 7.7913, 7.4151,
5.8427

357.4417,

 4.0124, 3.7230,

365.8019, 365.9186

2.6824

420.2426,
430.7001, 432.8035

■ 1.7091, 1.5199,
0.9346

■ 0.4620, 0.3026,
0.0000

■ 81.9142, 82.3606,
77.9095

■ 81.9142, 82.3606,
77.9095

■ 74.1269, 71.7217,
60.0979

■ 90.7304, 94.2350,
98.5990

■ 67.3240, 62.2676,
45.0305

95.0500, 100.0000,
108.9000

■ 61.4657, 53.9593,
32.5710

■ 56.5078, 46.7517,
22.5692

■ 52.4018, 40.5965,
14.8592

■ 49.0941, 35.4416,
9.2546

■ 46.5245, 31.2297,
5.5392

■ 44.6218, 27.8967,
3.4483

■ 43.8138, 26.4076,
2.7879

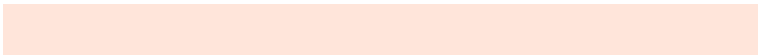
Harmonies

Analogous

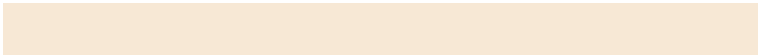
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.6497, 82.3606, 84.2420



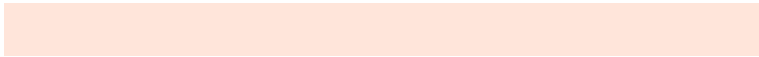
81.9142, 82.3606, 77.9095



79.2324, 82.3606, 74.7902

Triad

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



81.9142, 82.3606, 77.9095



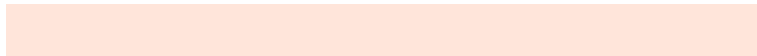
72.8944, 82.3606, 86.9909



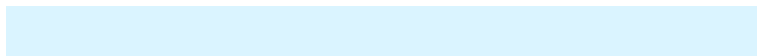
80.2346, 82.3606, 105.5688

Complementary

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



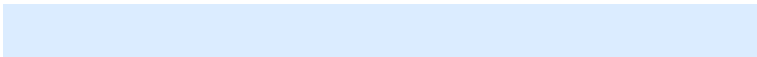
81.9142, 82.3606, 77.9095



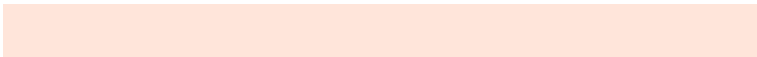
79.3133, 86.8243, 107.1863

Split Complementary

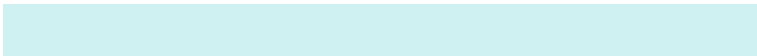
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.3378, 82.3606, 106.4181



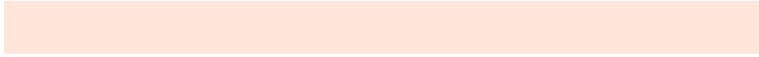
81.9142, 82.3606, 77.9095



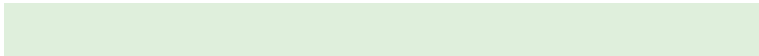
73.1476, 82.3606, 95.3402

Square

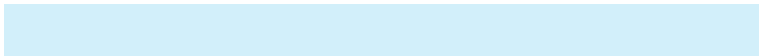
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.9142, 82.3606, 77.9095



74.0568, 82.3606, 79.8146



74.7574, 82.3606, 102.5728



82.6634, 82.3606, 100.3195

Rectangle

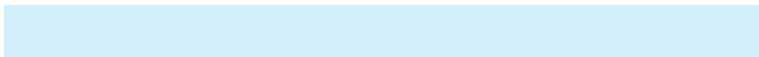
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.9142, 82.3606, 77.9095



77.2893, 82.3606, 74.8120



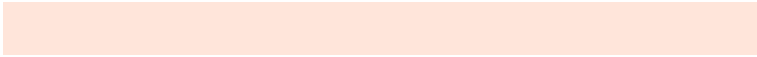
74.7574, 82.3606, 102.5728



79.2817, 82.3606, 106.3904

Sweetspot

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



81.9161, 82.3641, 77.9112



91.2072, 94.8730, 99.7314



82.7196, 77.9668, 96.6895



19.3715, 20.1052, 20.9891



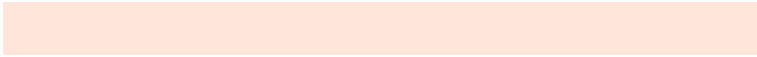
0.0000, 0.0000, 0.0000



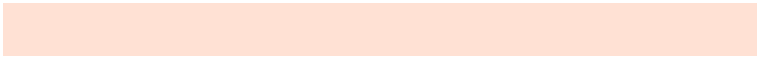
20.3446, 21.4041, 23.3091

Same Dimension

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



81.9161, 82.3641, 77.9112



79.8816, 79.5999, 73.2102



87.1509, 92.8336, 79.6561



18.4497, 18.8675, 18.8137



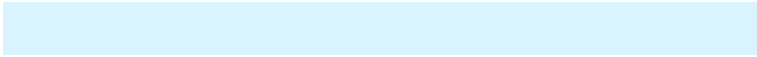
23.0062, 14.0236, 1.4943



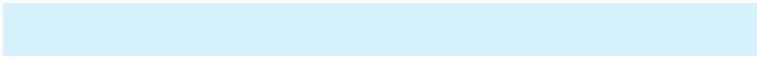
2.3303, 1.5461, 0.1756

Inverse Universe

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



79.3133, 86.8243, 107.1863



76.8843, 84.7326, 106.9105



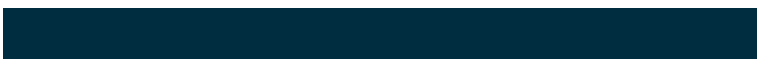
74.1652, 76.5282, 105.4702



18.0719, 19.5154, 23.0643



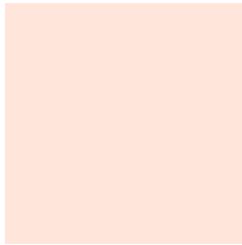
18.0073, 20.9241, 52.5243



1.8487, 2.2280, 5.1459

Previews

White Background



This preview shows how the XYZ color 81.9142, 82.3606, 77.9095 looks on a white background.

Color Contrast Check

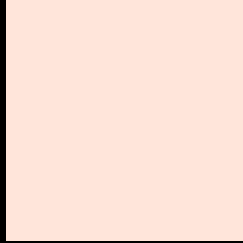
Large Text (above 18pt) WCAG AA × Fail

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 81.9142, 82.3606, 77.9095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

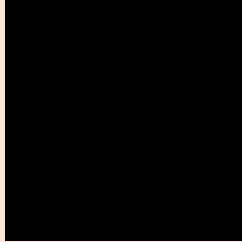
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.9142, 82.3606, 77.9095

Background



This preview shows how black text looks on a background with the XYZ color 81.9142, 82.3606, 77.9095.



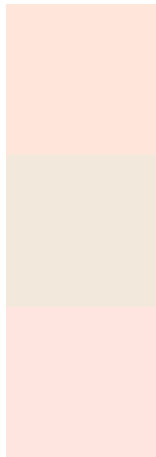
This preview shows how white text looks on a background with the XYZ color 81.9142, 82.3606,

77.9095.

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

81.9142, 82.3606, 77.9095

Protanopia

78.6751, 82.3224, 79.4533

Deuteranopia

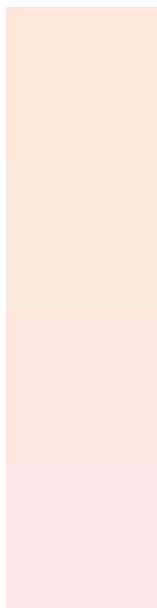
82.5786, 82.6263, 81.4082



Tritanopia

84.7361, 82.6090, 95.4835

Trichromacy



Original Color

81.9142, 82.3606, 77.9095

Protanomaly

80.0006, 82.6019, 78.7451

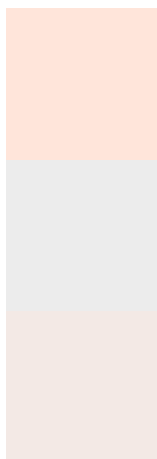
Deuteranomaly

82.3105, 82.5191, 79.9962

Tritanomaly

83.6914, 82.6300, 88.6290

Monochromacy



Original Color

81.9142, 82.3606, 77.9095

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

80.2439, 82.9897, 85.9180

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.9142, 82.3606, 77.9095 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, 218)` looks like.

```
.text, #text, p{  
    color:rgb(255, 229, 218)  
}
```

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, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 229, 218) }
```

Border

The CSS property to change the border of an element to XYZ 81.9142, 82.3606, 77.9095 is called "border". The border property can be set on classes, ids or directly on the HTML element.

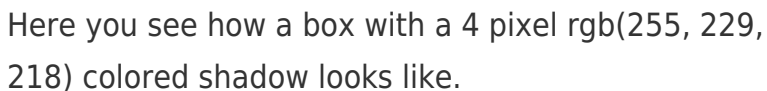
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 229, 218) }
```


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

```
.border{ border-color:rgb(255, 229, 218) }
```

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, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 229, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 229, 218); box-shadow:4px 4px 4px 4px rgb(255, 229, 218) }
```

Background

The CSS property to change the background color of an element to XYZ 81.9142, 82.3606, 77.9095 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, 218) }
```

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

```
.background{ background-color: rgb(255,  
229, 218) }
```

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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