

Converting Colors

XYZ(83.1110, 81.2022, 79.4275)

Have a look what the booklet for
XYZ(83.1110, 81.2022, 79.4275)
contains.

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Color

**XYZ(81.2164, 80.3309,
79.6315)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE1DD
RGB	255, 225, 221
RGB Percent	100%, 88%, 87%
CMY	0.0000, 0.1176, 0.1333
CMYK	0.00, 0.12, 0.13, 0.00
HSL	7°, 100%, 93%
HSV	7°, 13%, 100%
XYZ	81.2164, 80.3309, 79.6315
YIQ	233.5140, 19.1640, 5.1160

Conversions

Conversions Part 2

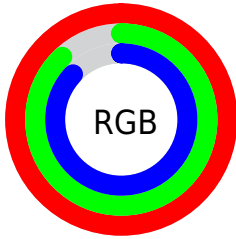
Format	Color
R _Y B	255, 226, 221
Decimal	16769501
CIE Lab	91.83, 9.67, 5.73
CIE LCh	92, 11.236, 30.637
Yxy	80.3309, 0.3367, 0.3331
Android (android.graphics.Color)	4294959581 (0xFFFFE1DD)
YUV	233.5140, -6.1694, 18.8432
Hunter-Lab	89.6275, 4.9005, 10.0618

Details

The XYZ color **81.2164, 80.3309, 79.6315** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82.3651, 91.5840, 107.9441**, and the grayscale version is **77.8761, 81.9317, 89.2236**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.5464, 43.5084, 42.1265** is the 20% darker color. If you saturate the color by 10%, you get **72.3875, 67.7035, 61.1805**, and if you desaturate by 10%, it is **91.3664, 94.7740, 101.0707**.

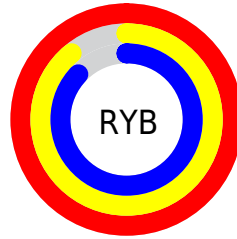
Distribution



Red (100%)

Green (88%)

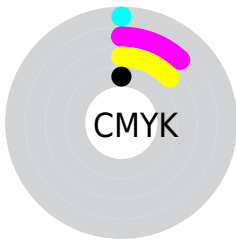
Blue (87%)



Red (100%)

Yellow (89%)

Blue (87%)

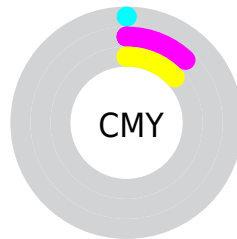


Cyan (0%)

Magenta (12%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (12%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.2164, 80.3309, 79.6315 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 81.2164, 80.3309, 79.6315 by changing the saturation by 10% instead.


 81.2164, 80.3309,
79.6315

 81.2164, 80.3309,
79.6315


487.6971,
496.0473, 513.3641

 61.0317, 59.9907,
58.8908


134.0161,
133.8309, 134.6542

 44.5034, 43.4111,
42.1058


167.3619,
167.7594, 169.7733

 31.2661, 30.2078,
28.8579


205.8255,
206.9862, 210.5223

 20.9544, 19.9964,
18.7287

249.7722,
251.8956, 257.3197

 13.2029, 12.3924,
11.2996

299.5673,
302.8720, 310.5840

 7.6464, 7.0115,
6.1520

355.5763,

 3.9194, 3.4693,

360.2998, 370.7338

2.8675

418.1644,
424.5634, 438.1877

■ 1.6566, 1.3814,
1.0274

■ 0.4289, 0.2029,
0.0000

■ 81.2164, 80.3309,
79.6315

■ 81.2164, 80.3309,
79.6315

■ 72.3875, 67.7035,
61.1805

■ 91.3664, 94.7740,
101.0707

■ 64.8198, 56.8101,
45.5801

95.0500, 100.0000,
108.9000

■ 58.4570, 47.5781,
32.6895

■ 53.2366, 39.9255,
22.3538

■ 49.0902, 33.7634,
14.4025

■ 45.9419, 28.9943,
8.6442

■ 43.7058, 25.5085,
4.8579

■ 42.2809, 23.1798,
2.7761

■ 41.7052, 22.1903,
2.0851

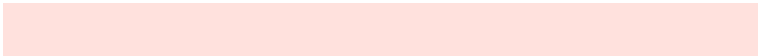
Harmonies

Analogous

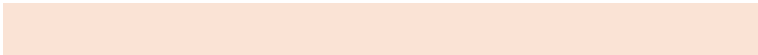
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.0241, 80.3309, 87.2906



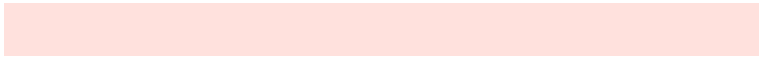
81.2164, 80.3309, 79.6315



79.0997, 80.3309, 74.3605

Triad

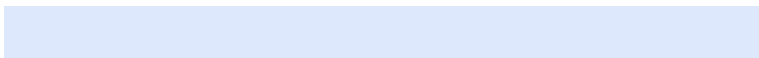
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.2164, 80.3309, 79.6315



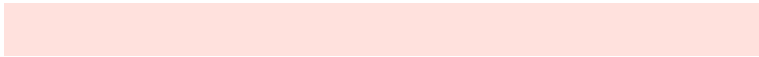
71.6270, 80.3309, 79.9186



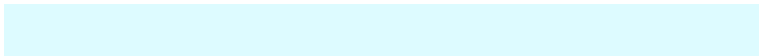
76.4137, 80.3309, 104.3022

Complementary

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



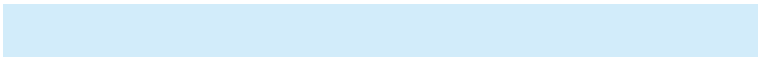
81.2164, 80.3309, 79.6315



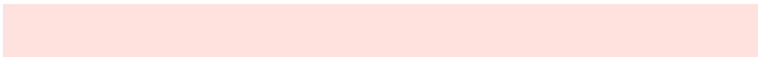
82.3651, 91.5840, 107.9441

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.



73.6689, 80.3309, 102.0289



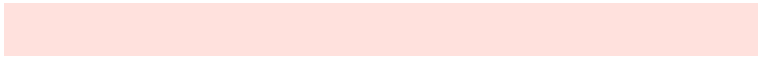
81.2164, 80.3309, 79.6315



70.9478, 80.3309, 87.6430

Square

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



81.2164, 80.3309, 79.6315



73.5649, 80.3309, 74.5188



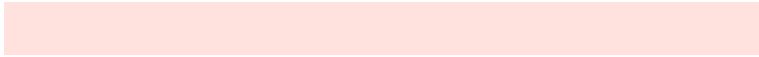
71.6860, 80.3309, 95.7997



79.2089, 80.3309, 101.8337

Rectangle

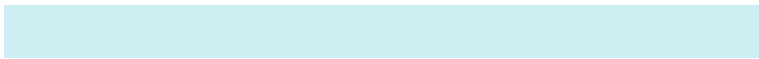
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



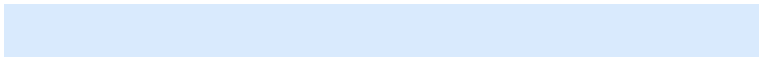
81.2164, 80.3309, 79.6315



77.2566, 80.3309, 72.7337



71.6860, 80.3309, 95.7997



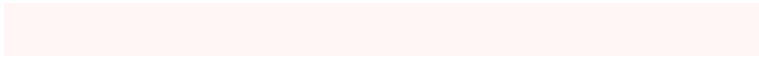
75.4547, 80.3309, 104.0659

Sweetspot

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



81.2182, 80.3343, 79.6332



90.6471, 93.7527, 99.5447



84.5148, 79.9409, 102.2702



19.2302, 19.8227, 20.9420



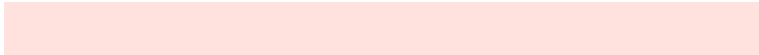
0.0000, 0.0000, 0.0000



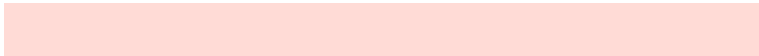
20.3446, 21.4041, 23.3091

Same Dimension

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



81.2182, 80.3343, 79.6332



78.7361, 76.7912, 74.4247



86.0338, 89.9653, 81.2384



18.1816, 18.3315, 18.7244



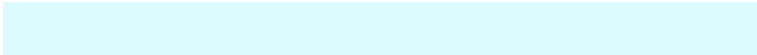
21.8459, 11.7029, 1.1075



2.1796, 1.2446, 0.1254

Inverse Universe

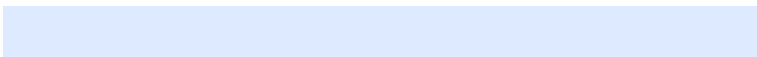
The Inverse Universe completely reimagines the original color for something new.



82.3651, 91.5840, 107.9441



80.0860, 90.0384, 107.7659



77.3019, 81.4576, 106.2564



18.3615, 20.0946, 23.1608



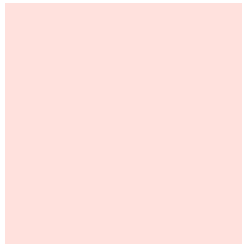
23.5682, 32.0459, 54.3779



2.3442, 3.2191, 5.3111

Previews

White Background



This preview shows how the XYZ color 81.2164, 80.3309, 79.6315 looks on a white background.

Color Contrast Check

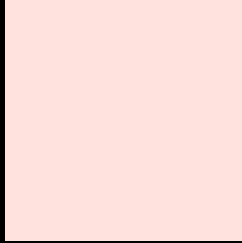
Large Text (above 18pt) WCAG AA × Fail

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 81.2164, 80.3309, 79.6315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

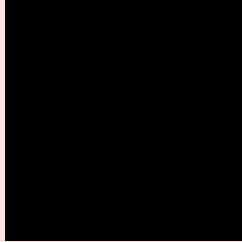
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

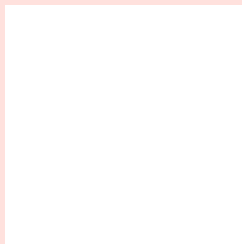
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.2164, 80.3309, 79.6315

Background



This preview shows how black text looks on a background with the XYZ color 81.2164, 80.3309, 79.6315.



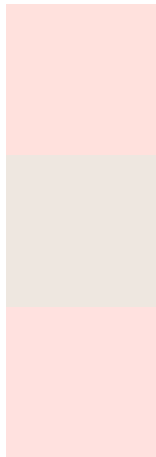
This preview shows how white text looks on a background with the XYZ color 81.2164, 80.3309,

79.6315.

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

81.2164, 80.3309, 79.6315

Protanopia

77.2904, 80.7108, 82.0261

Deuteranopia

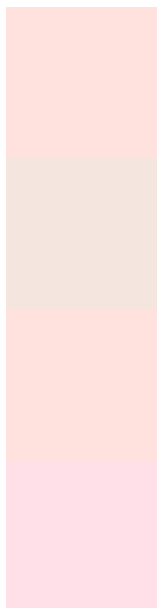
81.4845, 80.4381, 81.0435



Tritanopia

83.2077, 80.2673, 92.7690

Trichromacy



Original Color

81.2164, 80.3309, 79.6315

Protanomaly

78.6468, 80.5994, 81.2242

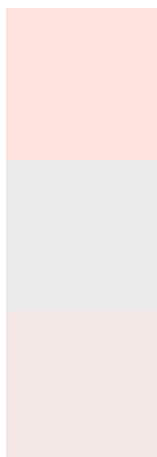
Deuteranomaly

81.3500, 80.3844, 80.3354

Tritanomaly

82.4611, 80.3975, 87.5160

Monochromacy



Original Color

81.2164, 80.3309, 79.6315

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

79.3367, 81.6862, 85.7143

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.2164, 80.3309, 79.6315 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, 225, 221)` looks like.

```
.text, #text, p{  
    color:rgb(255, 225, 221)  
}
```

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, 225, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 225, 221) }
```

Border

The CSS property to change the border of an element to XYZ 81.2164, 80.3309, 79.6315 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, 225, 221) }
```


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

```
.border{ border-color:rgb(255, 225, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 225, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 225, 221); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 225, 221); box-shadow:4px 4px 4px 4px rgb(255, 225, 221) }
```

Background

The CSS property to change the background color of an element to XYZ 81.2164, 80.3309, 79.6315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 225, 221) }
```

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

```
.background{ background-color: rgb(255,  
225, 221) }
```

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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