

Converting Colors

XYZ(81.1905, 81.1739, 76.8642)

Have a look what the booklet for
XYZ(81.1905, 81.1739, 76.8642)
contains.

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Color

**XYZ(81.2335, 81.2079,
77.0389)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE3D9
RGB	255, 227, 217
RGB Percent	100%, 89%, 85%
CMY	0.0000, 0.1098, 0.1490
CMYK	0.00, 0.11, 0.15, 0.00
HSL	16°, 100%, 93%
HSV	16°, 15%, 100%
XYZ	81.2335, 81.2079, 77.0389
YIQ	234.2320, 19.8980, 2.8260

Conversions

Conversions Part 2

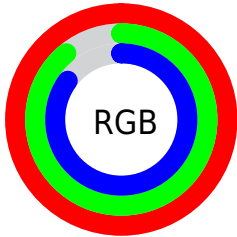
Format	Color
R _Y B	255, 231, 217
Decimal	16770009
CIE Lab	92.22, 8.02, 8.38
CIE LCh	92, 11.595, 46.263
Yxy	81.2079, 0.3392, 0.3391
Android (android.graphics.Color)	4294960089 (0xFFFFE3D9)
YUV	234.2320, -8.4954, 18.2135
Hunter-Lab	90.1154, 3.2047, 12.3943

Details

The XYZ color **81.2335, 81.2079, 77.0389** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.3169, 87.2742, 107.2729**, and the grayscale version is **78.4359, 82.5206, 89.8650**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.5628, 44.1194, 40.3496** is the 20% darker color. If you saturate the color by 10%, you get **73.3088, 70.2627, 59.2785**, and if you desaturate by 10%, it is **90.2351, 93.4863, 97.6888**.

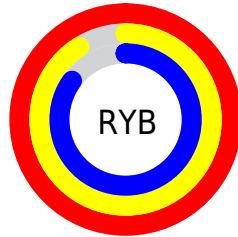
Distribution



Red (100%)

Green (89%)

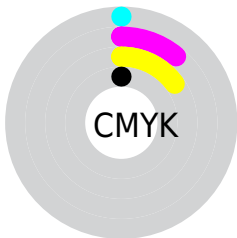
Blue (85%)



Red (100%)

Yellow (91%)

Blue (85%)

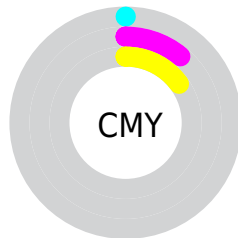


Cyan (0%)

Magenta (11%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (11%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.2335, 81.2079, 77.0389 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 81.2335, 81.2079, 77.0389 by changing the saturation by 10% instead.


 81.2335, 81.2079,
77.0389

 81.2335, 81.2079,
77.0389


487.7536,
498.9943, 504.3378

 61.0459, 60.7128,
56.7730


134.0400,
135.0626, 130.9679

 44.5149, 43.9935,
40.4149


167.3896,
169.1911, 165.4681

 31.2751, 30.6654,
27.5459


205.8573,
208.6329, 205.5502

 20.9613, 20.3442,
17.7476

249.8083,
253.7723, 251.6328

 13.2080, 12.6455,
10.6014

299.6081,
304.9937, 304.1343

 7.6499, 7.1849,
5.6887

355.6220,

 3.9217, 3.5780,

362.6816, 363.4732

2.5910

418.2154,
427.2203, 430.0682

■ 1.6579, 1.4404,
0.8878

■ 0.4297, 0.2462,
0.0000

■ 81.2335, 81.2079,
77.0389

■ 81.2335, 81.2079,
77.0389

■ 73.3088, 70.2627,
59.2785

■ 90.2351, 93.4863,
97.6888

■ 66.4141, 60.5952,
44.2729

95.0500, 100.0000,
108.9000

■ 60.5071, 52.1610,
31.8844

■ 55.5403, 44.9092,
21.9612

■ 51.4621, 38.7853,
14.3360

■ 48.2154, 33.7300,
8.8201

■ 45.7356, 29.6784,
5.1944

■ 43.9467, 26.5572,
3.1906

■ 43.2553, 25.2907,
2.6018

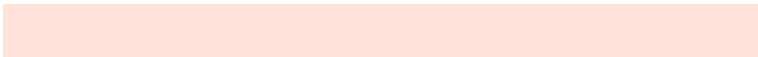
Harmonies

Analogous

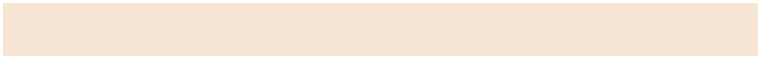
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.8437, 81.2079, 83.8855



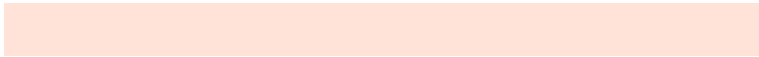
81.2335, 81.2079, 77.0389



78.5605, 81.2079, 73.3569

Triad

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



81.2335, 81.2079, 77.0389



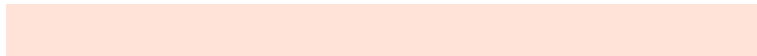
71.7288, 81.2079, 84.5648



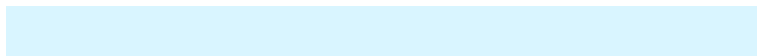
78.8087, 81.2079, 105.2080

Complementary

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



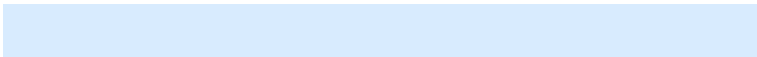
81.2335, 81.2079, 77.0389



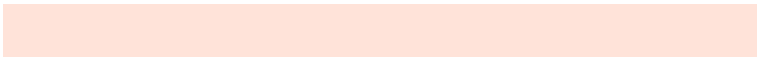
79.3169, 87.2742, 107.2729

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.



75.8270, 81.2079, 105.4192



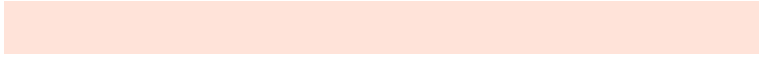
81.2335, 81.2079, 77.0389



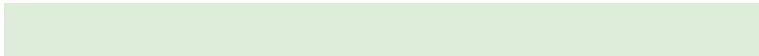
71.7913, 81.2079, 93.1184

Square

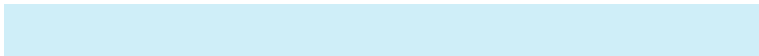
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.2335, 81.2079, 77.0389



73.1015, 81.2079, 77.5084



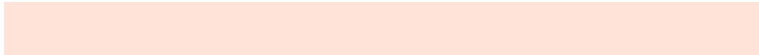
73.2746, 81.2079, 100.8737



81.4192, 81.2079, 100.3139

Rectangle

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



81.2335, 81.2079, 77.0389



76.5595, 81.2079, 73.0280



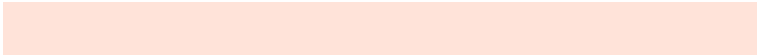
73.2746, 81.2079, 100.8737



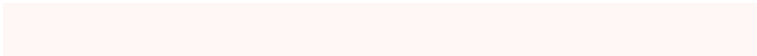
77.8152, 81.2079, 105.8393

Sweetspot

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



81.2354, 81.2113, 77.0406



91.1003, 94.6592, 99.6958



82.6112, 77.5098, 97.3941



19.3445, 20.0513, 20.9801



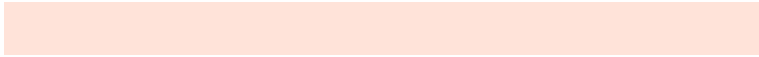
0.0000, 0.0000, 0.0000



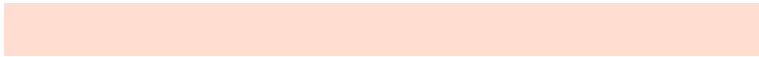
20.3446, 21.4041, 23.3091

Same Dimension

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



81.2354, 81.2113, 77.0406



78.6663, 77.6789, 71.2339



86.5686, 91.8779, 78.8184



18.3982, 18.7646, 18.7966



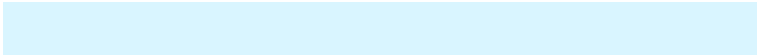
22.7045, 13.4203, 1.3937



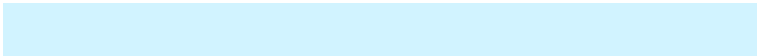
2.2953, 1.4759, 0.1639

Inverse Universe

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



79.3169, 87.2742, 107.2729



76.3980, 84.8404, 106.9570



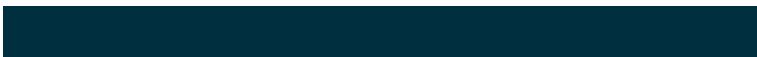
73.9987, 76.6377, 105.5002



18.1264, 19.6245, 23.0825



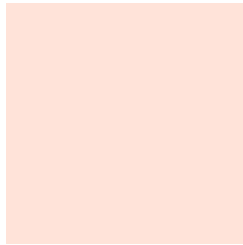
18.9412, 22.7920, 52.8356



1.9335, 2.3976, 5.1742

Previews

White Background



This preview shows how the XYZ color 81.2335, 81.2079, 77.0389 looks on a white background.

Color Contrast Check

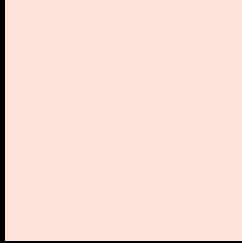
Large Text (above 18pt) WCAG AA × Fail

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 81.2335, 81.2079, 77.0389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

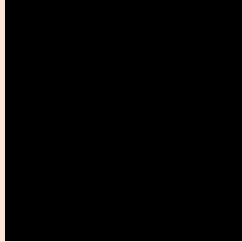
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.2335, 81.2079, 77.0389

Background



This preview shows how black text looks on a background with the XYZ color 81.2335, 81.2079, 77.0389.



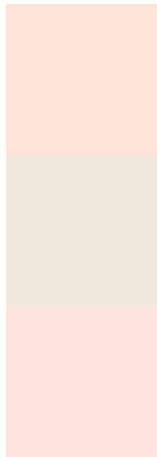
This preview shows how white text looks on a background with the XYZ color 81.2335, 81.2079,

77.0389.

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

81.2335, 81.2079, 77.0389

Protanopia

77.7101, 81.4058, 79.3273

Deuteranopia

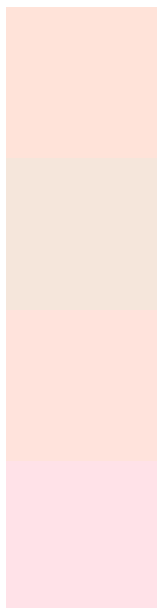
81.7602, 81.4186, 79.8128



Tritanopia

83.8934, 81.4017, 93.7285

Trichromacy



Original Color

81.2335, 81.2079, 77.0389

Protanomaly

78.7392, 81.1206, 78.5257

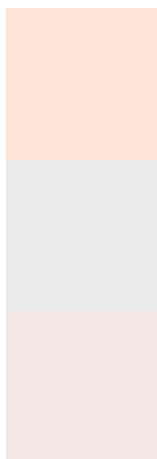
Deuteranomaly

81.6274, 81.3655, 79.1130

Tritanomaly

83.0018, 81.4789, 87.6963

Monochromacy



Original Color

81.2335, 81.2079, 77.0389

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

79.1975, 81.6305, 84.9809

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.2335, 81.2079, 77.0389 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, 227, 217) looks like.

```
.text, #text, p{  
    color:rgb(255, 227, 217)  
}
```

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, 227, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 227, 217) }
```

Border

The CSS property to change the border of an element to XYZ 81.2335, 81.2079, 77.0389 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, 227, 217) }
```


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

```
.border{ border-color:rgb(255, 227, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 227, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 227, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 227, 217);  
box-shadow:4px 4px 4px 4px rgb(255, 227,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 81.2335, 81.2079, 77.0389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 227, 217) }
```

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

```
.background{ background-color: rgb(255,  
227, 217) }
```

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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