

Converting Colors

XYZ(81.1698, 80.1838, 85.1383)

Have a look what the booklet for
XYZ(81.1698, 80.1838, 85.1383)
contains.

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Color

**XYZ(81.2130, 80.2030,
85.3291)**

Conversions

Conversions Part 1

Format	Color
Hex	FCE1E5
RGB	252, 225, 229
RGB Percent	99%, 88%, 90%
CMY	0.0118, 0.1176, 0.1020
CMYK	0.00, 0.11, 0.09, 0.01
HSL	351°, 82%, 94%
HSV	351°, 11%, 99%
XYZ	81.2130, 80.2030, 85.3291
YIQ	233.5290, 14.8080, 6.9680

Conversions

Conversions Part 2

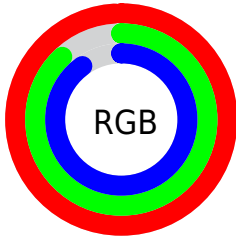
Format	Color
R _Y B	252, 225, 229
Decimal	16572901
CIE Lab	91.78, 9.91, 1.43
CIE LCh	92, 10.011, 8.203
Yxy	80.2030, 0.3291, 0.3250
Android (android.graphics.Color)	4294762981 (0xFFFC E1E5)
YUV	233.5290, -2.2328, 16.1991
Hunter-Lab	89.5561, 5.1476, 6.1978

Details

The XYZ color **81.2130, 80.2030, 85.3291** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82.8081, 92.4078, 102.2836**, and the grayscale version is **77.8612, 81.9160, 89.2066**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.5204, 43.4075, 46.0764** is the 20% darker color. If you saturate the color by 10%, you get **72.0823, 66.4454, 68.3988**, and if you desaturate by 10%, it is **91.7244, 96.1268, 104.5507**.

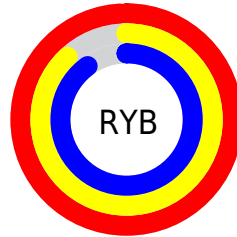
Distribution



Red (99%)

Green (88%)

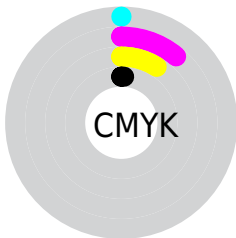
Blue (90%)



Red (99%)

Yellow (88%)

Blue (90%)

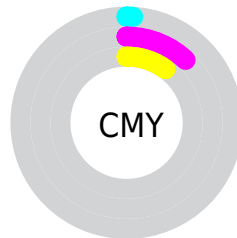


Cyan (0%)

Magenta (11%)

Yellow (9%)

Black (1%)



Cyan (1%)


Magenta (12%)


Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.2130, 80.2030, 85.3291 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 81.2130, 80.2030, 85.3291 by changing the saturation by 10% instead.


 81.2130, 80.2030,
85.3291

 81.2130, 80.2030,
85.3291


487.6859,
495.6167, 532.8894

 61.0289, 59.8854,
63.5616


134.0114,
133.6511, 142.7111

 44.5011, 43.3263,
45.8518


167.3564,
167.5504, 179.1628

 31.2643, 30.1412,
31.7811

205.8192,
206.7457, 221.3462

 20.9530, 19.9458,
20.9309

249.7650,
251.6215, 269.6800

 13.2019, 12.3556,
12.8827

299.5592,
302.5621, 324.5827

 7.6457, 6.9864,
7.2181

355.5672,

 3.9190, 3.4536,

359.9519, 386.4728

3.5183

418.1543,
424.1753, 455.7688

■ 1.6564, 1.3729,
1.3650

■ 0.4287, 0.1966,
0.1142

■ 81.2130, 80.2030,
85.3291

■ 81.2130, 80.2030,
85.3291

■ 72.0823, 66.4454,
68.3988

■ 91.7244, 96.1268,
104.5507

■ 64.2681, 54.7501,
53.6691

■ 93.9554, 99.4357,
108.8488

■ 57.7114, 45.0209,
41.0507

■ 52.3459, 37.1494,
30.4463

■ 48.0990, 31.0169,
21.7509

■ 44.8902, 26.4909,
14.8498

■ 42.6280, 23.4197,
9.6157

■ 41.2044, 21.6225,
5.9043

■ 40.4840, 20.8312,
3.6621

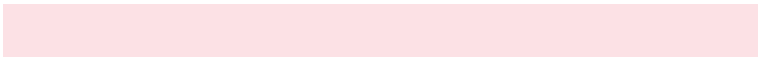
Harmonies

Analogous

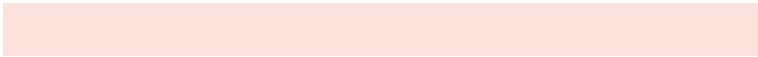
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.8985, 80.2030, 92.6736



81.2130, 80.2030, 85.3291



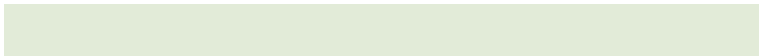
80.1691, 80.2030, 78.8864

Triad

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



81.2130, 80.2030, 85.3291



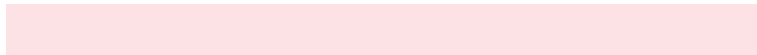
73.2232, 80.2030, 76.6994



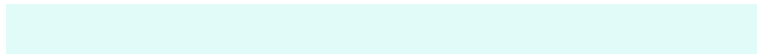
74.4153, 80.2030, 101.0985

Complementary

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



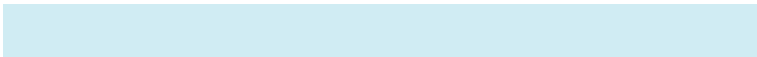
81.2130, 80.2030, 85.3291



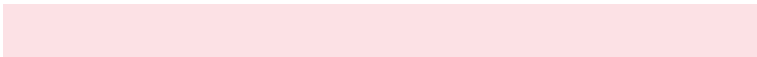
82.8081, 92.4078, 102.2836

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.



72.4231, 80.2030, 96.3501



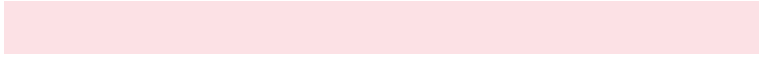
81.2130, 80.2030, 85.3291



71.7457, 80.2030, 82.1909

Square

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



81.2130, 80.2030, 85.3291



75.5296, 80.2030, 74.0897



71.4562, 80.2030, 89.3567



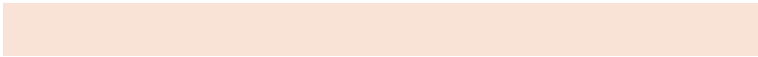
76.9359, 80.2030, 102.0549

Rectangle

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



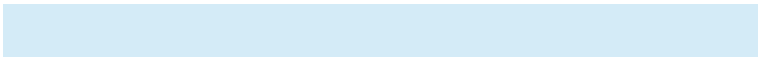
81.2130, 80.2030, 85.3291



78.8568, 80.2030, 75.8728



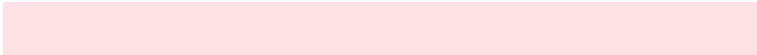
71.4562, 80.2030, 89.3567



73.6632, 80.2030, 99.8806

Sweetspot

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



81.2153, 80.2065, 85.3308



91.6261, 94.8031, 102.6694



83.1921, 80.8297, 103.3136



19.4207, 20.0020, 21.6269



0.0000, 0.0000, 0.0000



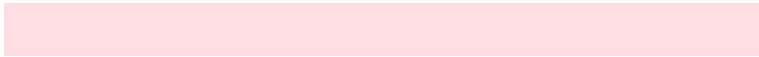
20.3446, 21.4041, 23.3091

Same Dimension

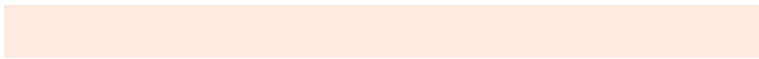
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.2153, 80.2065, 85.3308



81.1530, 78.9555, 83.4598



83.2891, 85.2369, 83.3009



17.3493, 17.2671, 18.4291



21.1207, 10.8640, 2.0780



1.9864, 1.0183, 0.3520

Inverse Universe

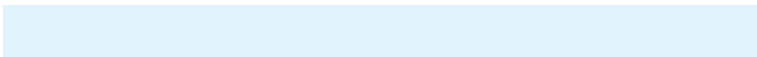
The Inverse Universe completely reimagines the original color for something new.



81.2153, 80.2065, 85.3308



81.1530, 78.9555, 83.4598



80.5410, 86.8708, 104.6193



17.3493, 17.2671, 18.4291



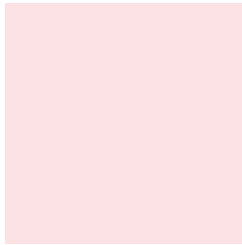
21.1207, 10.8640, 2.0780



1.9864, 1.0183, 0.3520

Previews

White Background



This preview shows how the XYZ color 81.2130, 80.2030, 85.3291 looks on a white background.

Color Contrast Check

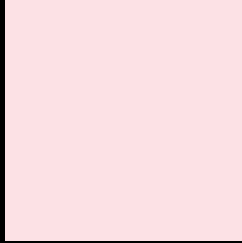
Large Text (above 18pt) WCAG AA × Fail

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 81.2130, 80.2030, 85.3291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

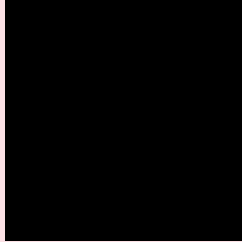
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.2130, 80.2030, 85.3291

Background



This preview shows how black text looks on a background with the XYZ color 81.2130, 80.2030, 85.3291.



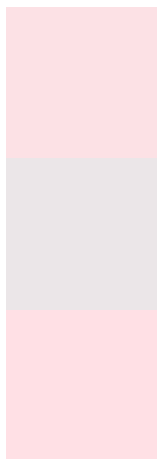
This preview shows how white text looks on a background with the XYZ color 81.2130, 80.2030,

85.3291.

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

81.2130, 80.2030, 85.3291

Protanopia

77.1233, 80.0820, 87.7365

Deuteranopia

82.0385, 80.2285, 85.2905



Tritanopia

83.1379, 80.1971, 94.3168

Trichromacy



Original Color

81.2130, 80.2030, 85.3291

Protanomaly

78.4428, 79.9571, 86.9002

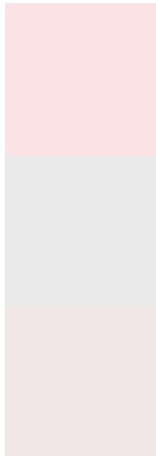
Deuteranomaly

81.6716, 80.0393, 85.2733

Tritanomaly

82.4497, 80.3084, 91.2763

Monochromacy



Original Color

81.2130, 80.2030, 85.3291

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

79.4170, 81.6788, 87.9238

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.2130, 80.2030, 85.3291 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(252, 225, 229) looks like.

```
.text, #text, p{  
    color:rgb(252, 225, 229)  
}
```

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(252, 225, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 225, 229) }
```

Border

The CSS property to change the border of an element to XYZ 81.2130, 80.2030, 85.3291 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(252, 225, 229) }
```


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

```
.border{ border-color:rgb(252, 225, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 225, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 225, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 225, 229);  
box-shadow:4px 4px 4px 4px rgb(252, 225,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 81.2130, 80.2030, 85.3291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 225, 229) }
```

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

```
.background{ background-color: rgb(252,  
225, 229) }
```

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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