

Converting Colors

XYZ(84.2771, 82.6891, 74.3666)

Have a look what the booklet for
XYZ(84.2771, 82.6891, 74.3666)
contains.

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Color

**XYZ(80.7193, 81.0023,
74.3314)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE3D5
RGB	255, 227, 213
RGB Percent	100%, 89%, 84%
CMY	0.0000, 0.1098, 0.1647
CMYK	0.00, 0.11, 0.16, 0.00
HSL	20°, 100%, 92%
HSV	20°, 16%, 100%
XYZ	80.7193, 81.0023, 74.3314
YIQ	233.7760, 21.1820, 1.5820

Conversions

Conversions Part 2

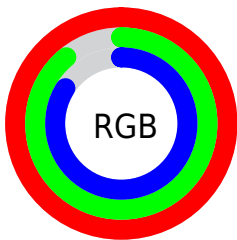
Format	Color
R_{YB}	255, 234, 213
Decimal	16770005
CIE _{Lab}	92.13, 7.41, 10.33
CIE _{LCh}	92, 12.713, 54.365
Yxy	81.0023, 0.3420, 0.3432
Android (android.graphics.Color)	4294960085 (0xFFFFE3D5)
YUV	233.7760, -10.2426, 18.6134
Hunter-Lab	90.0013, 2.5888, 14.0337

Details

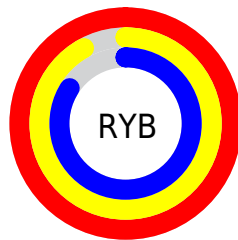
The XYZ color **80.7193, 81.0023, 74.3314** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.9450, 84.2742, 106.8189**, and the grayscale version is **78.1028, 82.1703, 89.4834**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.2128, 43.9794, 38.5064** is the 20% darker color. If you saturate the color by 10%, you get **73.3124, 70.9672, 57.1298**, and if you desaturate by 10%, it is **89.0981, 92.1658, 94.3697**.

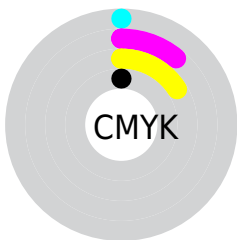
Distribution



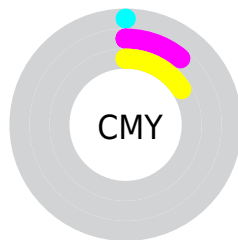
- Red (100%)
- Green (89%)
- Blue (84%)



- Red (100%)
- Yellow (92%)
- Blue (84%)



- Cyan (0%)
- Magenta (11%)
- Yellow (16%)
- Black (0%)





- Cyan (0%)
- Magenta (11%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 80.7193, 81.0023, 74.3314 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 80.7193, 81.0023, 74.3314 by changing the saturation by 10% instead.


 80.7193, 81.0023,
74.3314

 80.7193, 81.0023,
74.3314


486.0533,
498.3043, 494.8103

 60.6209, 60.5435,
54.5669


133.3218,
134.7740, 127.1039

 44.1707, 43.8569,
38.6588


166.5566,
168.8557, 160.9489

 31.0032, 30.5580,
26.1886


204.9010,
208.2471, 200.3245

 20.7531, 20.2625,
16.7378

248.7202,
253.3327, 245.6492

 13.0551, 12.5860,
9.8877

298.3798,
304.4968, 297.3417

 7.5438, 7.1441,
5.2200

354.2449,

 3.8538, 3.5524,

362.1238, 355.8203

2.3159

416.6809,
426.5982, 421.5037

■ 1.6197, 1.4265,
0.7401

■ 0.4052, 0.2361,
0.0000

■ 80.7193, 81.0023,
74.3314

■ 80.7193, 81.0023,
74.3314

■ 73.3124, 70.9672,
57.1298

■ 89.0981, 92.1658,
94.3697

■ 66.8345, 62.0142,
42.6306

95.0500, 100.0000,
108.9000

■ 61.2481, 54.1087,
30.6958

■ 56.5107, 47.2105,
21.1735

■ 52.5760, 41.2765,
13.8953

■ 49.3925, 36.2599,
8.6708

■ 46.9016, 32.1095,
5.2774

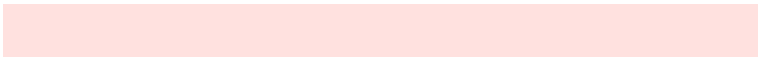
■ 45.0331, 28.7673,
3.4376

■ 44.4910, 27.7620,
3.0137

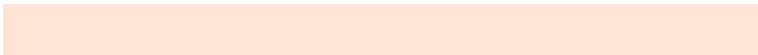
Harmonies

Analogous

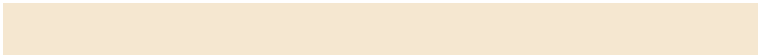
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.8728, 81.0023, 80.9616



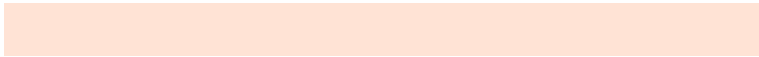
80.7193, 81.0023, 74.3314



77.6105, 81.0023, 71.4333

Triad

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



80.7193, 81.0023, 74.3314



70.8894, 81.0023, 86.4381



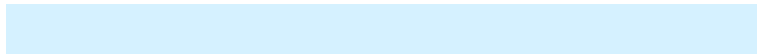
79.6187, 81.0023, 105.6752

Complementary

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



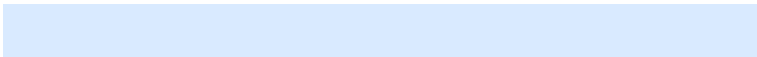
80.7193, 81.0023, 74.3314



76.9450, 84.2742, 106.8189

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.



76.3734, 81.0023, 107.3990



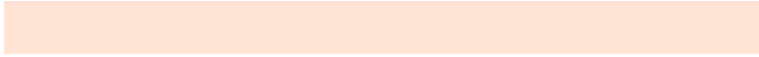
80.7193, 81.0023, 74.3314



71.3929, 81.0023, 95.8526

Square

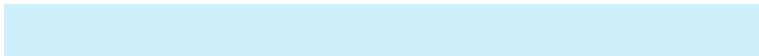
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.7193, 81.0023, 74.3314



71.9827, 81.0023, 78.0980



73.3779, 81.0023, 103.6895



82.2249, 81.0023, 99.1327

Rectangle

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



80.7193, 81.0023, 74.3314



75.4378, 81.0023, 71.8486



73.3779, 81.0023, 103.6895



78.5639, 81.0023, 106.8561

Sweetspot

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



80.7213, 81.0058, 74.3331



90.4131, 93.9029, 97.5612



80.9119, 75.2002, 93.4701



19.2170, 19.9207, 20.5538



0.0000, 0.0000, 0.0000



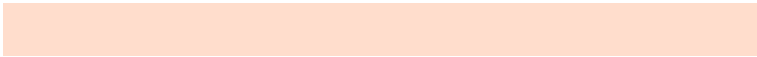
20.3446, 21.4041, 23.3091

Same Dimension

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



80.7213, 81.0058, 74.3331



77.9972, 77.3359, 67.9432



86.8179, 93.1992, 76.3653



18.5042, 18.9766, 18.8319



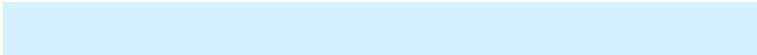
23.3695, 14.7501, 1.6154



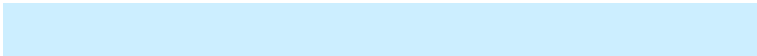
2.3711, 1.6275, 0.1892

Inverse Universe

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



76.9450, 84.2742, 106.8189



73.5245, 81.2028, 106.4063



71.0846, 72.5535, 104.8654



18.0147, 19.4009, 23.0452



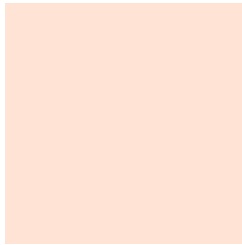
17.0825, 19.0747, 52.2160



1.7638, 2.0584, 5.1176

Previews

White Background



This preview shows how the XYZ color 80.7193, 81.0023, 74.3314 looks on a white background.

Color Contrast Check

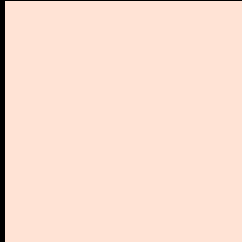
Large Text (above 18pt) WCAG AA × Fail

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 80.7193, 81.0023, 74.3314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

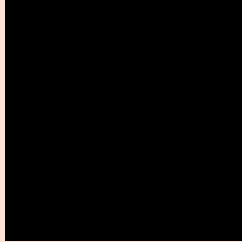
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 80.7193, 81.0023, 74.3314

Background



This preview shows how black text looks on a background with the XYZ color 80.7193, 81.0023, 74.3314.



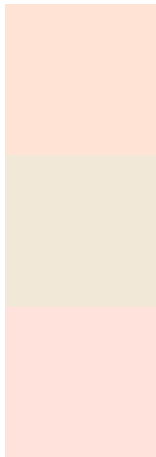
This preview shows how white text looks on a background with the XYZ color 80.7193, 81.0023,

74.3314.

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

80.7193, 81.0023, 74.3314

Protanopia

77.5269, 81.3719, 76.5860

Deuteranopia

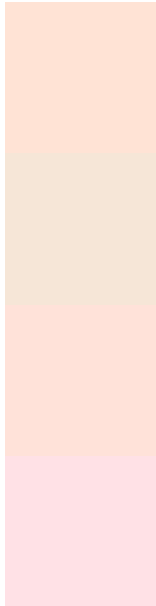
81.2225, 80.7672, 78.3266



Tritanopia

83.4756, 80.8033, 92.8583

Trichromacy



Original Color

80.7193, 81.0023, 74.3314

Protanomaly

78.5686, 81.0928, 75.8014

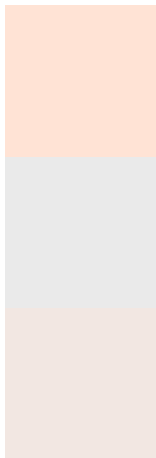
Deuteranomaly

80.9607, 80.6625, 76.9480

Tritanomaly

82.4481, 80.8236, 86.1179

Monochromacy



Original Color

80.7193, 81.0023, 74.3314

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

78.9213, 81.5201, 83.5269

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.7193, 81.0023, 74.3314 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, 213)` looks like.

```
.text, #text, p{  
    color:rgb(255, 227, 213)  
}
```

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, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 227, 213) }
```

Border

The CSS property to change the border of an element to XYZ 80.7193, 81.0023, 74.3314 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, 213) }
```


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

```
.border{ border-color:rgb(255, 227, 213) }
```

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, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 227, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 227, 213);  
box-shadow:4px 4px 4px 4px rgb(255, 227,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 80.7193, 81.0023, 74.3314 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, 213) }
```

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

```
.background{ background-color: rgb(255,  
227, 213) }
```

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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