

Converting Colors

XYZ(80.0303, 77.4545, 86.0397)

Have a look what the booklet for
XYZ(80.0303, 77.4545, 86.0397)
contains.

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Color

**XYZ(80.1619, 77.6514,
86.3645)**

Conversions

Conversions Part 1

Format	Color
Hex	FCDCE7
RGB	252, 220, 231
RGB Percent	99%, 86%, 91%
CMY	0.0118, 0.1372, 0.0941
CMYK	0.00, 0.13, 0.08, 0.01
HSL	339°, 84%, 93%
HSV	339°, 13%, 99%
XYZ	80.1619, 77.6514, 86.3645
YIQ	230.8220, 15.5410, 10.2050

Conversions

Conversions Part 2

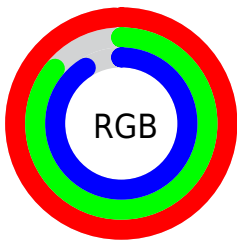
Format	Color
R _Y B	252, 220, 231
Decimal	16571623
CIE Lab	90.62, 12.83, -1.31
CIE LCh	91, 12.898, 354.187
Yxy	77.6514, 0.3283, 0.3180
Android (android.graphics.Color)	4294761703 (0xFFFFCDCE7)
YUV	230.8220, 0.0878, 18.5731
Hunter-Lab	88.1200, 8.1696, 3.5752

Details

The XYZ color **80.1619, 77.6514, 86.3645** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.2058, 91.1894, 96.5976**, and the grayscale version is **75.8165, 79.7648, 86.8639**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.6987, 41.6075, 46.2853** is the 20% darker color. If you saturate the color by 10%, you get **71.8136, 64.5176, 72.5960**, and if you desaturate by 10%, it is **89.7323, 92.8742, 101.6314**.

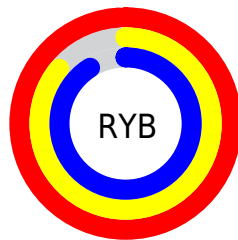
Distribution



Red (99%)

Green (86%)

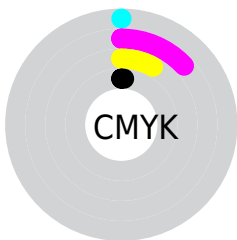
Blue (91%)



Red (99%)

Yellow (86%)

Blue (91%)

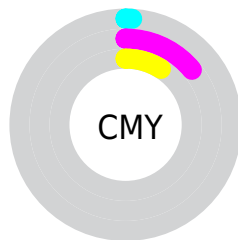


Cyan (0%)

Magenta (13%)

Yellow (8%)

Black (1%)



Cyan (1%)


Magenta (14%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 80.1619, 77.6514, 86.3645 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 80.1619, 77.6514, 86.3645 by changing the saturation by 10% instead.


 80.1619, 77.6514,
86.3645

 80.1619, 77.6514,
86.3645


484.2065,
486.9821, 536.3942

 60.1605, 57.7877,
64.4128


132.5427,
130.0586, 144.1691

 43.7980, 41.6380,
46.5368


165.6527,
163.3708, 180.8590

 30.7089, 28.8179,
32.3179


203.8631,
201.9347, 223.2988

 20.5281, 18.9431,
21.3376

247.5391,
246.1346, 271.9070

 12.8900, 11.6292,
13.1774

297.0461,
296.3549, 327.1021

 7.4293, 6.4917,
7.4186

352.7494,

 3.7807, 3.1463,

352.9799, 389.3026

3.6429

415.0144,
416.3942, 458.9272

■ 1.5788, 1.2086,
1.4315

■ 0.3786, 0.0687,
0.1661

■ 80.1619, 77.6514,
86.3645

■ 80.1619, 77.6514,
86.3645

■ 71.8136, 64.5176,
72.5960

■ 89.7323, 92.8742,
101.6314

■ 64.6303, 53.3711,
60.2740

■ 93.9553, 99.4357,
108.8488

■ 58.5599, 44.1172,
49.3508

■ 53.5438, 36.6492,
39.7739

■ 49.5178, 30.8497,
31.4872

■ 46.4101, 26.5874,
24.4304

■ 44.1387, 23.7107,
18.5371

■ 42.6052, 22.0363,
13.7328

■ 41.8494, 21.3773,
10.8524

Harmonies

Analogous

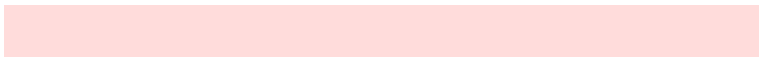
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.9603, 77.6514, 95.3965



80.1619, 77.6514, 86.3645



79.6205, 77.6514, 77.4649

Triad

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



80.1619, 77.6514, 86.3645



71.2884, 77.6514, 69.3312



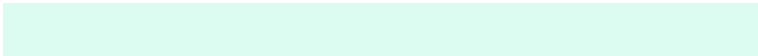
70.2285, 77.6514, 99.8184

Complementary

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



80.1619, 77.6514, 86.3645



80.2058, 91.1894, 96.5976

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.



68.2805, 77.6514, 92.0527



80.1619, 77.6514, 86.3645



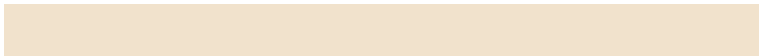
68.8798, 77.6514, 74.5570

Square

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



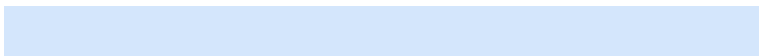
80.1619, 77.6514, 86.3645



74.4365, 77.6514, 68.0506



67.7940, 77.6514, 82.7595



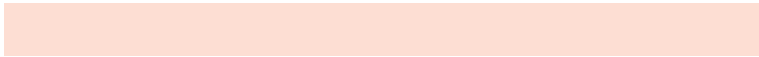
73.1777, 77.6514, 103.5196

Rectangle

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



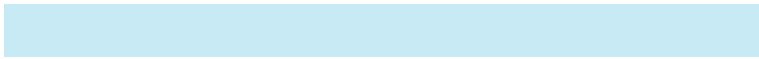
80.1619, 77.6514, 86.3645



78.3517, 77.6514, 72.7412



67.7940, 77.6514, 82.7595



69.4383, 77.6514, 97.5705

Sweetspot

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



80.1641, 77.6548, 86.3662



90.8226, 93.2401, 102.2658



79.3740, 76.8840, 102.7531



19.2746, 19.6936, 21.6281



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

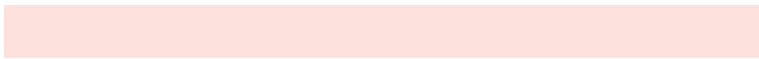
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.1641, 77.6548, 86.3662



80.2566, 76.4642, 85.3147



79.9370, 79.6085, 78.8672



17.4908, 17.3237, 19.1743



21.8617, 11.1604, 5.9800



2.0725, 1.0527, 0.8050

Inverse Universe

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



80.1641, 77.6548, 86.3662



80.2566, 76.4642, 85.3147



80.4104, 88.8900, 105.0159



17.4908, 17.3237, 19.1743



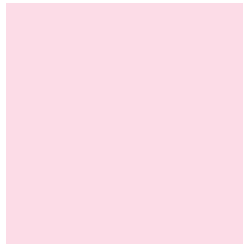
21.8617, 11.1604, 5.9800



2.0725, 1.0527, 0.8050

Previews

White Background



This preview shows how the XYZ color 80.1619, 77.6514, 86.3645 looks on a white background.

Color Contrast Check

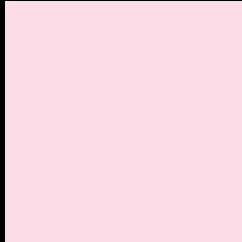
Large Text (above 18pt) WCAG AA × Fail

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 80.1619, 77.6514, 86.3645 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

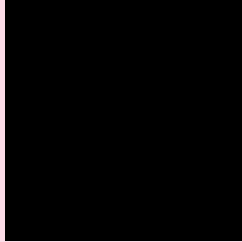
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 80.1619, 77.6514, 86.3645

Background



This preview shows how black text looks on a background with the XYZ color 80.1619, 77.6514, 86.3645.



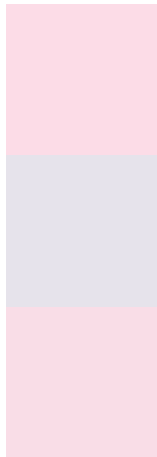
This preview shows how white text looks on a background with the XYZ color 80.1619, 77.6514,

86.3645.

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

80.1619, 77.6514, 86.3645

Protanopia

75.0976, 77.7593, 89.6482

Deuteranopia

79.3472, 77.6222, 86.4018



Tritanopia

80.9799, 77.6018, 90.0674

Trichromacy



Original Color

80.1619, 77.6514, 86.3645

Protanomaly

76.7668, 77.4290, 88.7411

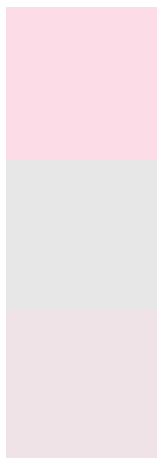
Deuteranomaly

79.7046, 77.8064, 86.4186

Tritanomaly

80.6908, 77.4862, 88.5454

Monochromacy



Original Color

80.1619, 77.6514, 86.3645

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

77.4895, 79.0584, 86.7770

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.1619, 77.6514, 86.3645 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, 220, 231)` looks like.

```
.text, #text, p{  
    color:rgb(252, 220, 231)  
}
```

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, 220, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 220, 231) }
```

Border

The CSS property to change the border of an element to XYZ 80.1619, 77.6514, 86.3645 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, 220, 231) }
```


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

```
.border{ border-color:rgb(252, 220, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 220, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 220, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 220, 231);  
box-shadow:4px 4px 4px 4px rgb(252, 220,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 80.1619, 77.6514, 86.3645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 220, 231) }
```

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

```
.background{ background-color: rgb(252,  
220, 231) }
```

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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