

Converting Colors

XYZ(80.1235, 77.3804, 81.9875)

Have a look what the booklet for
XYZ(80.1235, 77.3804, 81.9875)
contains.

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Color

**XYZ(80.1621, 77.3593,
81.9410)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDBE1
RGB	255, 219, 225
RGB Percent	100%, 86%, 88%
CMY	0.0000, 0.1412, 0.1176
CMYK	0.00, 0.14, 0.12, 0.00
HSL	350°, 100%, 93%
HSV	350°, 14%, 100%
XYZ	80.1621, 77.3593, 81.9410
YIQ	230.4480, 19.5300, 9.4980

Conversions

Conversions Part 2

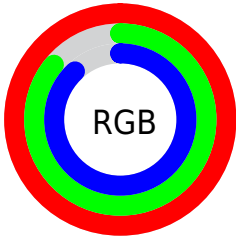
Format	Color
R_{YB}	255, 219, 225
Decimal	16767969
CIE _{Lab}	90.49, 13.41, 1.68
CIE _{LCh}	90, 13.514, 7.138
Yxy	77.3593, 0.3348, 0.3231
Android (android.graphics.Color)	4294958049 (0xFFFFDBE1)
YUV	230.4480, -2.6859, 21.5321
Hunter-Lab	87.9541, 8.7666, 6.3314

Details

The XYZ color **80.1621, 77.3593, 81.9410** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82.0749, 93.4209, 103.3325**, and the grayscale version is **75.5564, 79.4912, 86.5659**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.8199, 41.4590, 43.7230** is the 20% darker color. If you saturate the color by 10%, you get **71.2910, 63.9717, 65.5593**, and if you desaturate by 10%, it is **90.4168, 92.9358, 100.5663**.

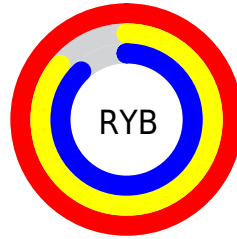
Distribution



Red (100%)

Green (86%)

Blue (88%)



Red (100%)

Yellow (86%)

Blue (88%)

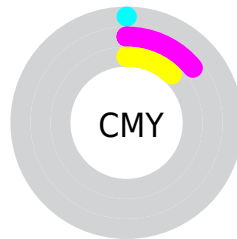


Cyan (0%)

Magenta (14%)

Yellow (12%)

Black (0%)



Cyan (0%)


Magenta (14%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 80.1621, 77.3593, 81.9410 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 80.1621, 77.3593, 81.9410 by changing the saturation by 10% instead.


 80.1621, 77.3593,
81.9410

 80.1621, 77.3593,
81.9410


484.2072,
485.9882, 521.3286

 60.1607, 57.5478,
60.7814


132.5429,
129.6465, 137.9272

 43.7981, 41.4452,
43.6193


165.6531,
162.8911, 173.5909

 30.7091, 28.6671,
30.0364


203.8635,
201.3821, 214.9263

 20.5281, 18.8292,
19.6139

247.5395,
245.5040, 262.3520

 12.8900, 11.5469,
11.9334

297.0466,
295.6412, 316.2865

 7.4293, 6.4360,
6.5764

352.7499,

 3.7807, 3.1119,

352.1780, 377.1484

3.1242

415.0150,
415.4989, 445.3563

■ 1.5788, 1.1905,
1.1584

■ 0.3786, 0.0539,
0.0000

■ 80.1621, 77.3593,
81.9410

■ 80.1621, 77.3593,
81.9410

■ 71.2910, 63.9717,
65.5593

■ 90.4168, 92.9358,
100.5663

■ 63.7387, 52.6655,
51.3315

95.0500, 100.0000,
108.9000

■ 57.4430, 43.3388,
39.1687

■ 52.3350, 35.8772,
28.9742

■ 48.3386, 30.1546,
20.6433

■ 45.3690, 26.0293,
14.0614

■ 43.3286, 23.3370,
9.1010

■ 42.1000, 21.8775,
5.6159

■ 41.6665, 21.4306,
4.1757

Harmonies

Analogous

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



79.6760, 77.3593, 91.6662



80.1621, 77.3593, 81.9410



78.8276, 77.3593, 73.4932

Triad

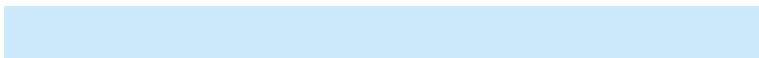
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.1621, 77.3593, 81.9410



69.6759, 77.3593, 70.2564



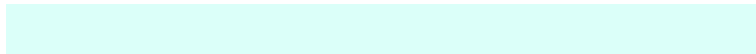
71.0332, 77.3593, 102.5588

Complementary

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



80.1621, 77.3593, 81.9410



82.0749, 93.4209, 103.3325

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.



68.4708, 77.3593, 95.9671



80.1621, 77.3593, 81.9410



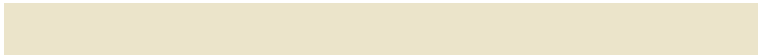
67.7042, 77.3593, 77.2094

Square

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



80.1621, 77.3593, 81.9410



72.7236, 77.3593, 67.0903



67.2698, 77.3593, 86.5635



74.3377, 77.3593, 104.0679

Rectangle

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



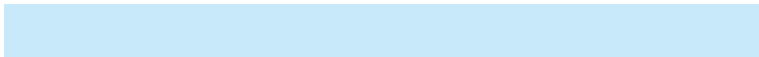
80.1621, 77.3593, 81.9410



77.1084, 77.3593, 69.5535



67.2698, 77.3593, 86.5635



70.0596, 77.3593, 100.8408

Sweetspot

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



80.1639, 77.3626, 81.9426



90.5432, 93.1284, 100.7943



82.4504, 78.0262, 105.3227



19.2041, 19.6654, 21.2568



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

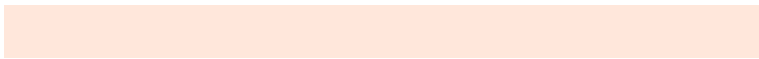
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.1639, 77.3626, 81.9426



77.4652, 73.2798, 76.9901



82.6041, 83.5289, 78.7911



18.1328, 18.0364, 19.3164



21.8075, 11.2123, 2.3711



2.1563, 1.1049, 0.4048

Inverse Universe

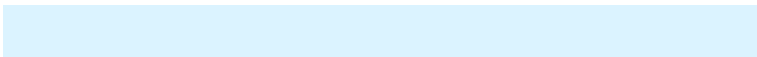
The Inverse Universe completely reimagines the original color for something new.



80.1639, 77.3626, 81.9426



77.4652, 73.2798, 76.9901



79.3165, 86.3834, 107.1010



18.1328, 18.0364, 19.3164



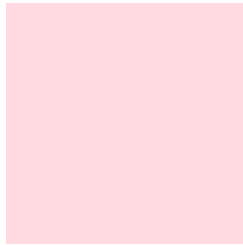
21.8075, 11.2123, 2.3711



2.1563, 1.1049, 0.4048

Previews

White Background



This preview shows how the XYZ color 80.1621, 77.3593, 81.9410 looks on a white background.

Color Contrast Check

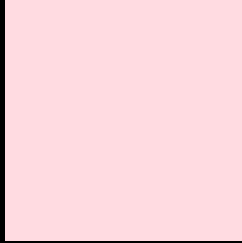
Large Text (above 18pt) WCAG AA × Fail

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 80.1621, 77.3593, 81.9410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

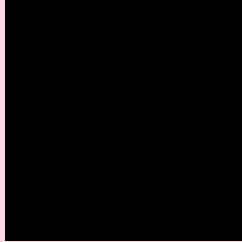
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 80.1621, 77.3593, 81.9410

Background



This preview shows how black text looks on a background with the XYZ color 80.1621, 77.3593, 81.9410.



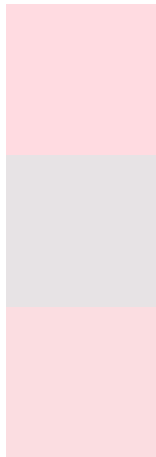
This preview shows how white text looks on a background with the XYZ color 80.1621, 77.3593,

81.9410.

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

80.1621, 77.3593, 81.9410

Protanopia

74.5669, 77.5842, 85.1739

Deuteranopia

79.2307, 77.6584, 82.0478



Tritanopia

81.1627, 77.3433, 88.4929

Trichromacy



Original Color

80.1621, 77.3593, 81.9410

Protanomaly

76.5944, 77.4380, 84.3089

Deuteranomaly

79.3287, 77.3181, 81.9770

Tritanomaly

80.7352, 77.1723, 86.2418

Monochromacy



Original Color

80.1621, 77.3593, 81.9410

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

76.7966, 78.3449, 84.4732

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.1621, 77.3593, 81.9410 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, 219, 225)` looks like.

```
.text, #text, p{  
    color:rgb(255, 219, 225)  
}
```

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, 219, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 225) }
```

Border

The CSS property to change the border of an element to XYZ 80.1621, 77.3593, 81.9410 is called "border". The border property can be set on classes, ids or directly on the HTML element.

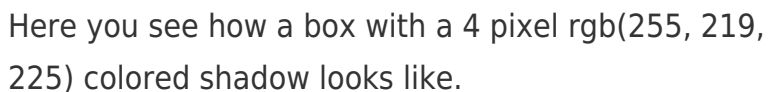
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 219, 225) }
```


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

```
.border{ border-color:rgb(255, 219, 225) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 219, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 219, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 219, 225); box-shadow:4px 4px 4px 4px rgb(255, 219, 225) }
```

Background

The CSS property to change the background color of an element to XYZ 80.1621, 77.3593, 81.9410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 219, 225) }
```

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

```
.background{ background-color: rgb(255,  
219, 225) }
```

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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