

Converting Colors

XYZ(121.3452, 100.0000,
80.1006)

Have a look what the booklet for
XYZ(121.3452, 100.0000, 80.1006)
contains.

XYZ(80.1475, 78.6170, 77.9682)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(80.1475, 78.6170,
77.9682)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDEDB
RGB	255, 222, 219
RGB Percent	100%, 87%, 86%
CMY	0.0000, 0.1294, 0.1412
CMYK	0.00, 0.13, 0.14, 0.00
HSL	5°, 100%, 93%
HSV	5°, 14%, 100%
XYZ	80.1475, 78.6170, 77.9682
YIQ	231.5250, 20.6310, 6.0630

Conversions

Conversions Part 2

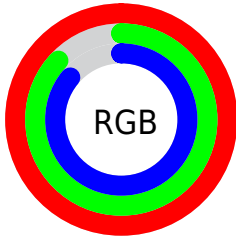
Format	Color
R _Y B	255, 222, 219
Decimal	16768731
CIE Lab	91.06, 10.91, 5.66
CIE LCh	91, 12.287, 27.417
Yxy	78.6170, 0.3386, 0.3321
Android (android.graphics.Color)	4294958811 (0xFFFFDEDB)
YUV	231.5250, -6.1748, 20.5876
Hunter-Lab	88.6662, 6.1845, 9.9300

Details

The XYZ color **80.1475, 78.6170, 77.9682** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82.0729, 91.8983, 108.0202**, and the grayscale version is **76.3822, 80.3601, 87.5121**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.8083, 42.3235, 40.9823** is the 20% darker color. If you saturate the color by 10%, you get **71.2611, 65.8114, 59.6929**, and if you desaturate by 10%, it is **90.4122, 93.3558, 99.2420**.

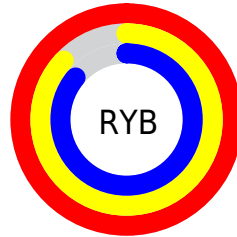
Distribution



Red (100%)

Green (87%)

Blue (86%)



Red (100%)

Yellow (87%)

Blue (86%)



Cyan (0%)

Magenta (13%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (13%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 80.1475, 78.6170, 77.9682 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 80.1475, 78.6170, 77.9682 by changing the saturation by 10% instead.


 80.1475, 78.6170,
77.9682

 80.1475, 78.6170,
77.9682


484.1587,
490.2597, 507.5839

 60.1486, 58.5810,
57.5316


132.5225,
131.4195, 132.2908

 43.7884, 42.2759,
41.0200


165.6294,
164.9548, 167.0138

 30.7014, 29.3174,
28.0149


203.8363,
203.7587, 207.3360

 20.5223, 19.3210,
18.0977

247.5086,
248.2154, 253.6759

 12.8857, 11.9025,
10.8500

297.0116,
298.7095, 306.4521

 7.4263, 6.6773,
5.8532

352.7107,

 3.7788, 3.2611,

355.6253, 366.0832

2.6887

414.9713,
419.3473, 432.9876

■ 1.5778, 1.2695,
0.9377

■ 0.3779, 0.1174,
0.0000

■ 80.1475, 78.6170,
77.9682

■ 80.1475, 78.6170,
77.9682

■ 71.2611, 65.8114,
59.6929

■ 90.4122, 93.3558,
99.2420

■ 63.6891, 54.8494,
44.2768

95.0500, 100.0000,
108.9000

■ 57.3707, 45.6491,
31.5765

■ 52.2380, 38.1185,
21.4345

■ 48.2166, 32.1572,
13.6770

■ 45.2238, 27.6541,
8.1087

■ 43.1651, 24.4836,
4.5033

■ 41.9282, 22.4984,
2.5848

■ 41.5134, 21.8068,
2.0211

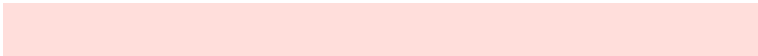
Harmonies

Analogous

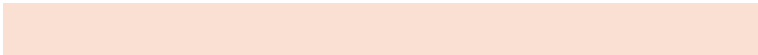
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.8457, 78.6170, 86.3731



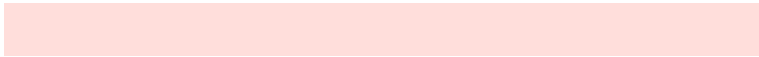
80.1475, 78.6170, 77.9682



77.9836, 78.6170, 71.9899

Triad

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



80.1475, 78.6170, 77.9682



69.8058, 78.6170, 76.7214



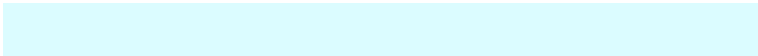
74.4545, 78.6170, 103.8375

Complementary

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



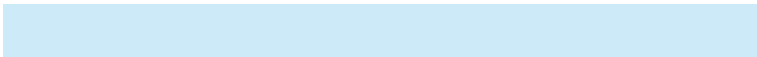
80.1475, 78.6170, 77.9682



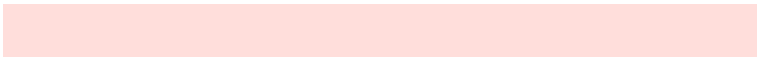
82.0729, 91.8983, 108.0202

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.



71.5548, 78.6170, 100.8269



80.1475, 78.6170, 77.9682



68.9177, 78.6170, 84.8326

Square

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



80.1475, 78.6170, 77.9682



72.0083, 78.6170, 71.3058



69.5491, 78.6170, 93.7154



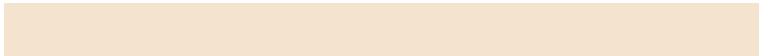
77.5053, 78.6170, 101.6884

Rectangle

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



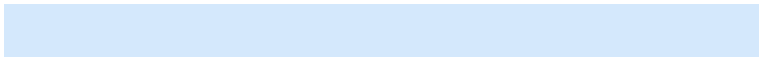
80.1475, 78.6170, 77.9682



76.0309, 78.6170, 69.9778



69.5491, 78.6170, 93.7154



73.4304, 78.6170, 103.3910

Sweetspot

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



80.1493, 78.6203, 77.9698



90.5407, 93.5400, 99.5092



84.1426, 78.9521, 102.9001



19.2034, 19.7691, 20.9331



0.0000, 0.0000, 0.0000



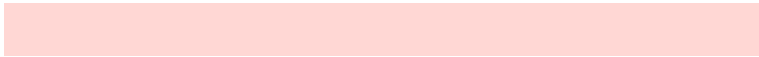
20.3446, 21.4041, 23.3091

Same Dimension

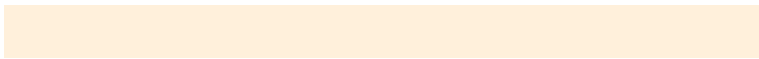
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.1493, 78.6203, 77.9698



77.4483, 74.7333, 72.3991



85.1867, 88.6951, 79.6490



18.1312, 18.2305, 18.7076



21.7335, 11.4783, 1.0700



2.1559, 1.1971, 0.1174

Inverse Universe

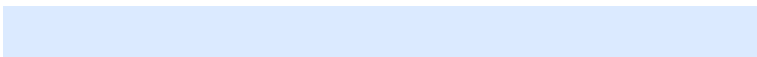
The Inverse Universe completely reimagines the original color for something new.



82.0729, 91.8983, 108.0202



79.7172, 90.3984, 107.8548



76.6870, 81.1265, 106.2249



18.4176, 20.2067, 23.1795



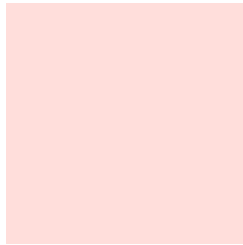
24.8177, 34.5449, 54.7944



2.4531, 3.4369, 5.3474

Previews

White Background



This preview shows how the XYZ color 80.1475, 78.6170, 77.9682 looks on a white background.

Color Contrast Check

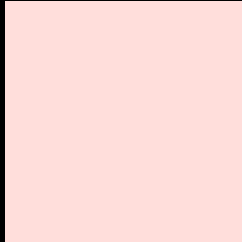
Large Text (above 18pt) WCAG AA × Fail

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 80.1475, 78.6170, 77.9682 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

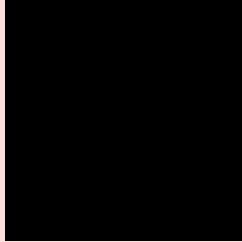
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

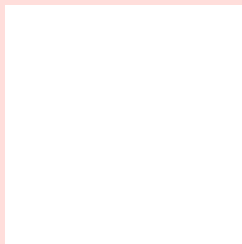
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 80.1475, 78.6170, 77.9682

Background



This preview shows how black text looks on a background with the XYZ color 80.1475, 78.6170, 77.9682.



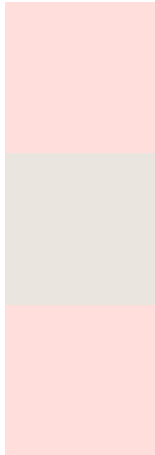
This preview shows how white text looks on a background with the XYZ color 80.1475, 78.6170,

77.9682.

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

80.1475, 78.6170, 77.9682

Protanopia

75.5995, 79.0285, 81.0815

Deuteranopia

80.1475, 78.6170, 77.9682



Tritanopia

81.9735, 78.5025, 90.1889

Trichromacy



Original Color

80.1475, 78.6170, 77.9682

Protanomaly

76.9991, 78.5439, 80.2094

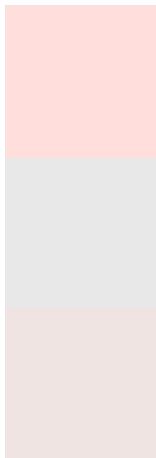
Deuteranomaly

80.1475, 78.6170, 77.9682

Tritanomaly

81.3794, 78.6861, 85.7617

Monochromacy



Original Color

80.1475, 78.6170, 77.9682

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

77.5437, 79.5581, 83.9423

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.1475, 78.6170, 77.9682 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, 222, 219)` looks like.

```
.text, #text, p{  
    color:rgb(255, 222, 219)  
}
```

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, 222, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 222, 219) }
```

Border

The CSS property to change the border of an element to XYZ 80.1475, 78.6170, 77.9682 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, 222, 219) }
```


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

```
.border{ border-color:rgb(255, 222, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 222, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 222, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 222, 219);  
box-shadow:4px 4px 4px 4px rgb(255, 222,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 80.1475, 78.6170, 77.9682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 222, 219) }
```

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

```
.background{ background-color: rgb(255,  
222, 219) }
```

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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