

Converting Colors

XYZ(80.9487, 79.3653, 80.8684)

Have a look what the booklet for
XYZ(80.9487, 79.3653, 80.8684)
contains.

XYZ(80.9470, 79.3631, 80.8643)	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(80.9470, 79.3631,
80.8643)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDFDF
RGB	255, 223, 223
RGB Percent	100%, 87%, 87%
CMY	0.0000, 0.1255, 0.1255
CMYK	0.00, 0.13, 0.13, 0.00
HSL	0°, 100%, 94%
HSV	0°, 13%, 100%
XYZ	80.9470, 79.3631, 80.8643
YIQ	232.5680, 19.0720, 6.7840

Conversions

Conversions Part 2

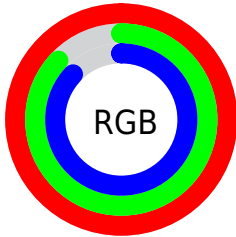
Format	Color
R_{YB}	255, 223, 223
Decimal	16768991
CIE _{Lab}	91.40, 11.02, 4.05
CIE _{LCh}	91, 11.738, 20.190
Yxy	79.3631, 0.3356, 0.3291
Android (android.graphics.Color)	4294959071 (0xFFFFDFDF)
YUV	232.5680, -4.7170, 19.6729
Hunter-Lab	89.0860, 6.2916, 8.5420

Details

The XYZ color **80.9470, 79.3631, 80.8643** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **84.2405, 94.4253, 108.3937**, and the grayscale version is **77.1534, 81.1713, 88.3956**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.3592, 42.8382, 42.9764** is the 20% darker color. If you saturate the color by 10%, you get **71.4578, 65.4787, 61.9976**, and if you desaturate by 10%, it is **91.9833, 95.5127, 102.8033**.

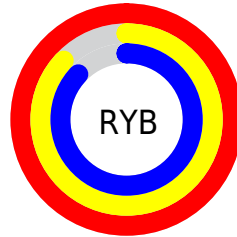
Distribution



Red (100%)

Green (87%)

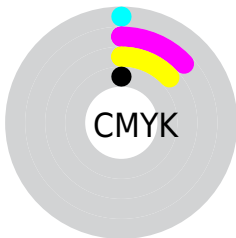
Blue (87%)



Red (100%)

Yellow (87%)

Blue (87%)

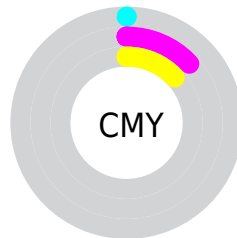


Cyan (0%)

Magenta (13%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (13%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 80.9470, 79.3631, 80.8643 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 80.9470, 79.3631, 80.8643 by changing the saturation by 10% instead.


 80.9470, 79.3631,
80.8643

 80.9470, 79.3631,
80.8643


486.8066,
492.7838, 517.6242

 60.8091, 59.1944,
59.8995


133.6399,
132.4699, 136.4026

 44.3231, 42.7696,
42.9129


166.9256,
166.1768, 171.8131

 31.1236, 29.7044,
29.4859


205.3246,
205.1652, 212.8760

 20.8453, 19.6143,
19.1999

249.2023,
249.8195, 260.0097

 13.1227, 12.1150,
11.6366

298.9239,
300.5242, 313.6329

 7.5907, 6.8221,
6.3772

354.8550,

 3.8838, 3.3511,

357.6635, 374.1640

3.0033

417.3608,
421.6219, 442.0216

■ 1.6366, 1.3176,
1.0963

■ 0.4161, 0.1548,
0.0000

■ 80.9470, 79.3631,
80.8643

■ 80.9470, 79.3631,
80.8643

■ 71.4578, 65.4787,
61.9976

■ 91.9833, 95.5127,
102.8033

■ 63.4416, 53.7487,
46.0613

95.0500, 100.0000,
108.9000

■ 56.8262, 44.0685,
32.9102

■ 51.5312, 36.3203,
22.3842

■ 47.4680, 30.3745,
14.3074

■ 44.5374, 26.0860,
8.4823

■ 42.6247, 23.2869,
4.6808

■ 41.5910, 21.7740,
2.6269

■ 41.2404, 21.2608,
1.9301

Harmonies

Analogous

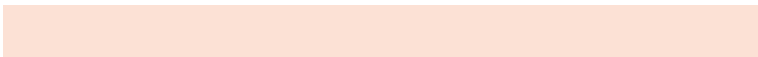
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.2290, 79.3631, 89.2433



80.9470, 79.3631, 80.8643



79.1660, 79.3631, 74.3938

Triad

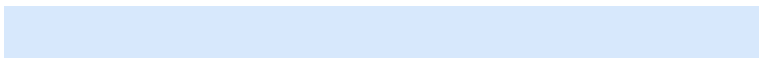
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.9470, 79.3631, 80.8643



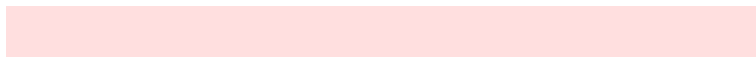
71.1097, 79.3631, 76.3126



74.4588, 79.3631, 103.6389

Complementary

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



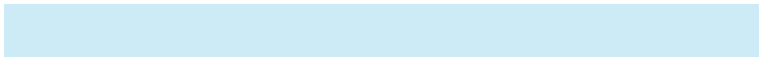
80.9470, 79.3631, 80.8643



84.2405, 94.4253, 108.3937

Split Complementary

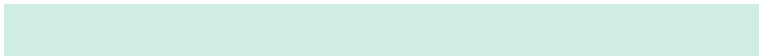
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.8177, 79.3631, 99.6615



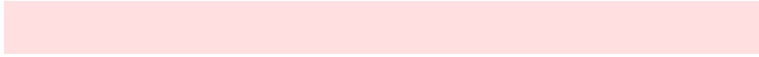
80.9470, 79.3631, 80.8643



69.9181, 79.3631, 83.6431

Square

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



80.9470, 79.3631, 80.8643



73.4691, 79.3631, 71.8885



70.1738, 79.3631, 92.2097



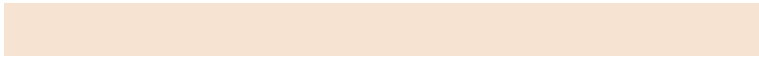
77.4301, 79.3631, 102.7727

Rectangle

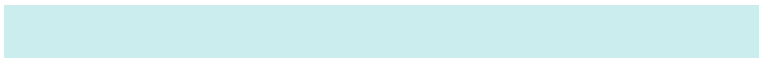
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



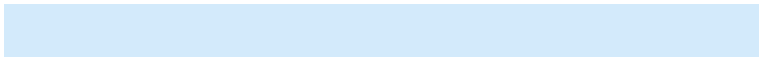
80.9470, 79.3631, 80.8643



77.3937, 79.3631, 71.8556



70.1738, 79.3631, 92.2097



73.5042, 79.3631, 102.8145

Sweetspot

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



80.9488, 79.3664, 80.8660



90.2833, 93.0251, 99.4234



85.6781, 81.2562, 105.7760



19.1386, 19.6394, 20.9115



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

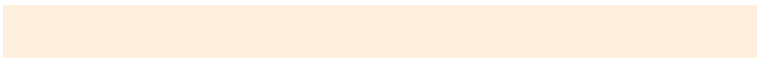
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.9488, 79.3664, 80.8660



78.4817, 75.7565, 75.9613



85.4262, 88.3213, 82.3584



18.0097, 17.9875, 18.6671



21.5491, 11.1094, 1.0086



2.0982, 1.0818, 0.0982

Inverse Universe

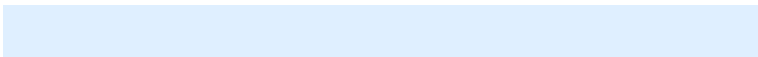
The Inverse Universe completely reimagines the original color for something new.



84.2405, 94.4253, 108.3937



82.3493, 93.4500, 108.3051



79.3487, 84.6417, 106.7631



18.5547, 20.4810, 23.2252



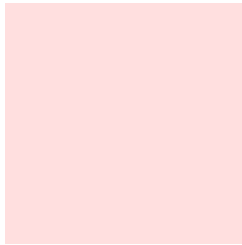
28.1110, 41.1315, 55.8922



2.7371, 4.0050, 5.4420

Previews

White Background



This preview shows how the XYZ color 80.9470, 79.3631, 80.8643 looks on a white background.

Color Contrast Check

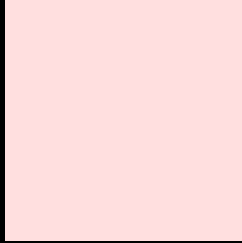
Large Text (above 18pt) WCAG AA × Fail

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 80.9470, 79.3631, 80.8643 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

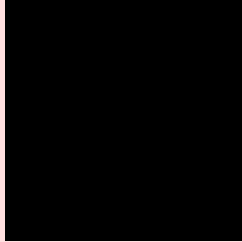
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

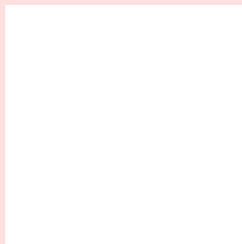
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 80.9470, 79.3631, 80.8643

Background



This preview shows how black text looks on a background with the XYZ color 80.9470, 79.3631, 80.8643.

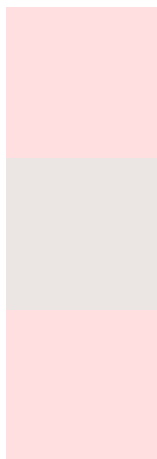


This preview shows how white text looks on a background with the XYZ color 80.9470, 79.3631,

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

80.9470, 79.3631, 80.8643

Protanopia

76.1454, 79.2468, 83.9559

Deuteranopia

80.9470, 79.3631, 80.8643



Tritanopia

82.3825, 79.0873, 91.0441

Trichromacy



Original Color

80.9470, 79.3631, 80.8643

Protanomaly

77.8145, 79.3064, 83.1579

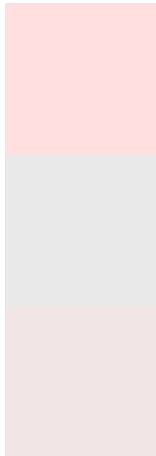
Deuteranomaly

80.9470, 79.3631, 80.8643

Tritanomaly

81.9268, 79.3287, 87.3379

Monochromacy



Original Color

80.9470, 79.3631, 80.8643

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

78.4378, 80.3965, 85.5127

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.9470, 79.3631, 80.8643 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, 223, 223)` looks like.

```
.text, #text, p{  
    color:rgb(255, 223, 223)  
}
```

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, 223, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 223, 223) }
```

Border

The CSS property to change the border of an element to XYZ 80.9470, 79.3631, 80.8643 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, 223, 223) }
```


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

```
.border{ border-color:rgb(255, 223, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 223, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 223, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 223, 223);  
box-shadow:4px 4px 4px 4px rgb(255, 223,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 80.9470, 79.3631, 80.8643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 223, 223) }
```

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

```
.background{ background-color: rgb(255,  
223, 223) }
```

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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