

Converting Colors

XYZ(97.1079, 86.7697, 82.3849)

Have a look what the booklet for
XYZ(97.1079, 86.7697, 82.3849)
contains.

XYZ(80.5510, 78.3547, 81.3995)	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(80.5510, 78.3547,
81.3995)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDDE0
RGB	255, 221, 224
RGB Percent	100%, 87%, 88%
CMY	0.0000, 0.1333, 0.1216
CMYK	0.00, 0.13, 0.12, 0.00
HSL	355°, 100%, 93%
HSV	355°, 13%, 100%
XYZ	80.5510, 78.3547, 81.3995
YIQ	231.5080, 19.3010, 8.1410

Conversions

Conversions Part 2

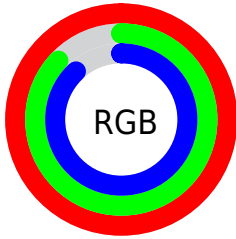
Format	Color
R _Y B	255, 221, 224
Decimal	16768480
CIE Lab	90.94, 12.21, 2.86
CIE LCh	91, 12.543, 13.203
Yxy	78.3547, 0.3352, 0.3261
Android (android.graphics.Color)	4294958560 (0xFFFFDDE0)
YUV	231.5080, -3.7014, 20.6025
Hunter-Lab	88.5182, 7.5271, 7.4409

Details

The XYZ color **80.5510, 78.3547, 81.3995** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **83.1520, 93.9217, 105.8453**, and the grayscale version is **76.3524, 80.3287, 87.4779**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.0864, 42.1428, 43.3469** is the 20% darker color. If you saturate the color by 10%, you get **71.3817, 64.7226, 63.8339**, and if you desaturate by 10%, it is **91.1777, 94.2109, 101.5807**.

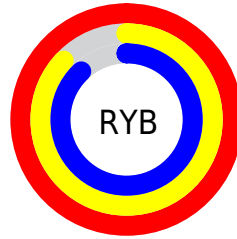
Distribution



Red (100%)

Green (87%)

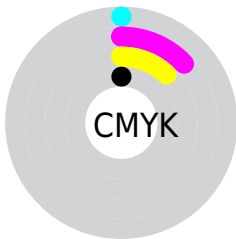
Blue (88%)



Red (100%)

Yellow (87%)

Blue (88%)

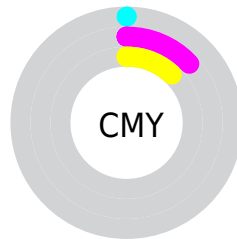


Cyan (0%)

Magenta (13%)

Yellow (12%)

Black (0%)



Cyan (0%)


Magenta (13%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 80.5510, 78.3547, 81.3995 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 80.5510, 78.3547, 81.3995 by changing the saturation by 10% instead.


 80.5510, 78.3547,
81.3995

 80.5510, 78.3547,
81.3995


485.4961,
489.3706, 519.4674

 60.4819, 58.3654,
60.3378


133.0866,
131.0500, 137.1607

 44.0581, 42.1025,
43.2639


166.2838,
164.5248, 172.6972

 30.9143, 29.1815,
29.7593


204.5877,
203.2636, 213.8957

 20.6851, 19.2182,
19.4054

248.3638,
247.6507, 261.1748

 13.0052, 11.8280,
11.7838

297.9773,
298.0706, 314.9530

 7.5091, 6.6267,
6.4759

353.7936,

 3.8316, 3.2298,

354.9076, 375.6488

3.0631

416.1781,
418.5461, 443.6808

■ 1.6073, 1.2528,
1.1270

■ 0.3972, 0.1042,
0.0000

■ 80.5510, 78.3547,
81.3995

■ 80.5510, 78.3547,
81.3995

■ 71.3817, 64.7226,
63.8339

■ 91.1777, 94.2109,
101.5807

■ 63.6012, 53.2058,
48.7721

95.0500, 100.0000,
108.9000

■ 57.1431, 43.7013,
36.1014

■ 51.9336, 36.0935,
25.6986

■ 47.8917, 30.2549,
17.4297

■ 44.9267, 26.0427,
11.1461

■ 42.9346, 23.2915,
6.6804

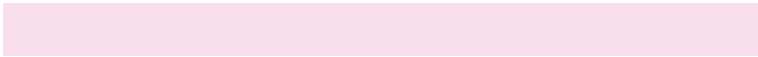
■ 41.7900, 21.8009,
3.8373

■ 41.3894, 21.3198,
2.7167

Harmonies

Analogous

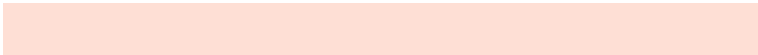
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.4471, 78.3547, 90.4462



80.5510, 78.3547, 81.3995



78.9940, 78.3547, 73.9415

Triad

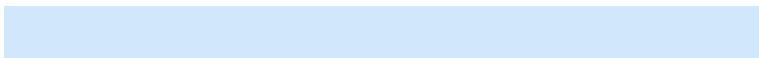
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.5510, 78.3547, 81.3995



70.3888, 78.3547, 73.2419



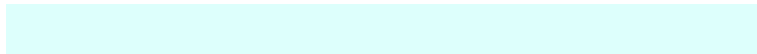
72.7307, 78.3547, 103.0931

Complementary

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



80.5510, 78.3547, 81.3995



83.1520, 93.9217, 105.8453

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.



70.1294, 78.3547, 97.7986



80.5510, 78.3547, 81.3995



68.8038, 78.3547, 80.3815

Square

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



80.5510, 78.3547, 81.3995



73.0938, 78.3547, 69.4613



68.7102, 78.3547, 89.3540



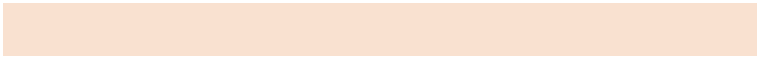
75.8711, 78.3547, 103.4141

Rectangle

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



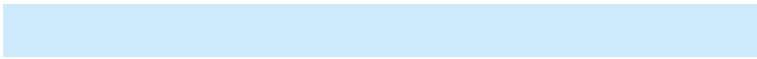
80.5510, 78.3547, 81.3995



77.2485, 78.3547, 70.6976



68.7102, 78.3547, 89.3540



71.7664, 78.3547, 101.8198

Sweetspot

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



80.5528, 78.3580, 81.4011



90.4203, 93.0792, 100.1470



83.9084, 79.5570, 105.5413



19.1731, 19.6530, 21.0936



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

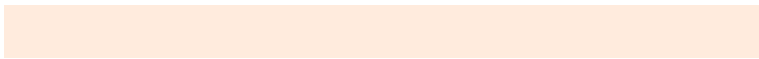
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.5528, 78.3580, 81.4011



77.9653, 74.5057, 76.4611



83.8869, 85.6707, 80.5256



18.0744, 18.0131, 19.0087



21.6488, 11.1488, 1.5352



2.1289, 1.0939, 0.2603

Inverse Universe

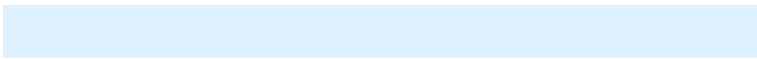
The Inverse Universe completely reimagines the original color for something new.



80.5528, 78.3580, 81.4011



77.9653, 74.5057, 76.4611



79.4452, 85.7422, 106.9704



18.0744, 18.0131, 19.0087



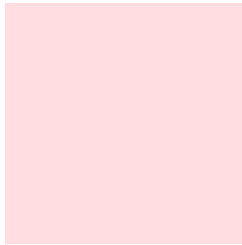
21.6488, 11.1488, 1.5352



2.1289, 1.0939, 0.2603

Previews

White Background



This preview shows how the XYZ color 80.5510, 78.3547, 81.3995 looks on a white background.

Color Contrast Check

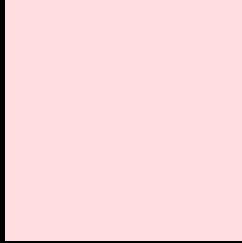
Large Text (above 18pt) WCAG AA × Fail

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 80.5510, 78.3547, 81.3995 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

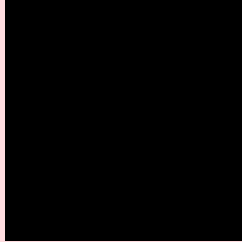
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 80.5510, 78.3547, 81.3995

Background



This preview shows how black text looks on a background with the XYZ color 80.5510, 78.3547, 81.3995.



This preview shows how white text looks on a background with the XYZ color 80.5510, 78.3547,

81.3995.

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

80.5510, 78.3547, 81.3995

Protanopia

75.3513, 78.4119, 84.5624

Deuteranopia

80.0838, 78.5070, 81.4535



Tritanopia

81.9735, 78.5025, 90.1889

Trichromacy



Original Color

80.5510, 78.3547, 81.3995

Protanomaly

77.0660, 78.0973, 83.6855

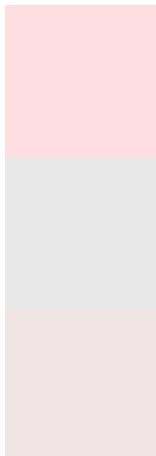
Deuteranomaly

80.4489, 78.6952, 81.4706

Tritanomaly

81.3987, 78.2726, 87.1619

Monochromacy



Original Color

80.5510, 78.3547, 81.3995

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

77.8214, 79.6692, 85.4048

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.5510, 78.3547, 81.3995 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, 221, 224)` looks like.

```
.text, #text, p{  
    color:rgb(255, 221, 224)  
}
```

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, 221, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 221, 224) }
```

Border

The CSS property to change the border of an element to XYZ 80.5510, 78.3547, 81.3995 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, 221, 224) }
```


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

```
.border{ border-color:rgb(255, 221, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 221, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 221, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 221, 224);  
box-shadow:4px 4px 4px 4px rgb(255, 221,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 80.5510, 78.3547, 81.3995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 221, 224) }
```

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

```
.background{ background-color: rgb(255,  
221, 224) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor