

Converting Colors

XYZ(79.8958, 77.7594, 78.9784)

Have a look what the booklet for
XYZ(79.8958, 77.7594, 78.9784)
contains.

XYZ(79.8843, 77.6669, 79.1875)	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(79.8843, 77.6669,
79.1875)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDCDD
RGB	255, 220, 221
RGB Percent	100%, 86%, 87%
CMY	0.0000, 0.1372, 0.1333
CMYK	0.00, 0.14, 0.13, 0.00
HSL	358°, 100%, 93%
HSV	358°, 14%, 100%
XYZ	79.8843, 77.6669, 79.1875
YIQ	230.5790, 20.5390, 7.7310

Conversions

Conversions Part 2

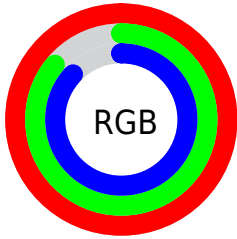
Format	Color
R _Y B	255, 220, 221
Decimal	16768221
CIE Lab	90.63, 12.26, 3.98
CIE LCh	91, 12.887, 18.005
Yxy	77.6669, 0.3374, 0.3281
Android (android.graphics.Color)	4294958301 (0xFFFFDCDD)
YUV	230.5790, -4.7224, 21.4172
Hunter-Lab	88.1288, 7.5757, 8.4156

Details

The XYZ color **79.8843, 77.6669, 79.1875** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **83.1672, 93.8927, 107.5096**, and the grayscale version is **75.6678, 79.6084, 86.6935**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.6268, 41.6692, 41.8200** is the 20% darker color. If you saturate the color by 10%, you get **70.6343, 64.0652, 61.0030**, and if you desaturate by 10%, it is **90.6460, 93.5117, 100.2809**.

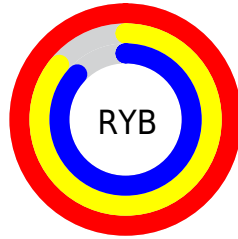
Distribution



Red (100%)

Green (86%)

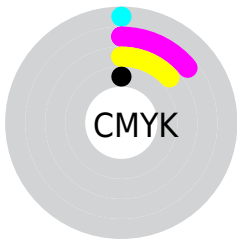
Blue (87%)



Red (100%)

Yellow (86%)

Blue (87%)

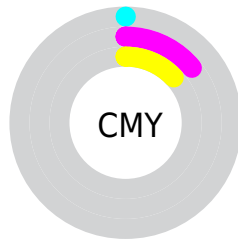


Cyan (0%)

Magenta (14%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (14%)

Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.8843, 77.6669, 79.1875 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 79.8843, 77.6669, 79.1875 by changing the saturation by 10% instead.

 79.8843, 77.6669,
79.1875

 79.8843, 77.6669,
79.1875

483.2853,
487.0348, 511.8248

 59.9313, 57.8004,
58.5278


132.1544,
130.0805, 134.0238

 43.6125, 41.6482,
41.8156


165.2023,
163.3963, 169.0375

 30.5626, 28.8259,
28.6324


203.3457,
201.9640, 209.6729

 20.4162, 18.9492,
18.5597

246.9502,
246.1680, 256.3486

 12.8080, 11.6336,
11.1790

296.3811,
296.3927, 309.4831

 7.3725, 6.4947,
6.0717

352.0036,

 3.7445, 3.1481,

353.0225, 369.4949

2.8192

414.1833,
416.4417, 436.8026

■ 1.5586, 1.2096,
1.0031

■ 0.3652, 0.0695,
0.0000

■ 79.8843, 77.6669,
79.1875

■ 79.8843, 77.6669,
79.1875

■ 70.6343, 64.0652,
61.0030

■ 90.6460, 93.5117,
100.2809

■ 62.8230, 52.5958,
45.5953

95.0500, 100.0000,
108.9000

■ 56.3798, 43.1537,
32.8292

■ 51.2260, 35.6211,
22.5564

■ 47.2748, 29.8678,
14.6140

■ 44.4288, 25.7476,
8.8196

■ 42.5754, 23.0911,
4.9640

■ 41.5781, 21.6918,
2.7959

■ 41.2797, 21.2759,
2.1393

Harmonies

Analogous

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



80.0620, 77.6669, 88.3161



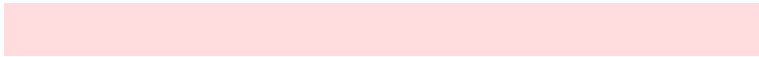
79.8843, 77.6669, 79.1875



78.0530, 77.6669, 72.0260

Triad

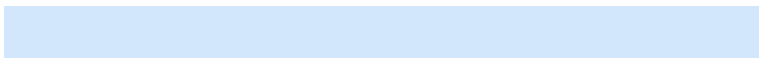
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.8843, 77.6669, 79.1875



69.3007, 77.6669, 73.2171



72.5371, 77.6669, 103.1811

Complementary

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



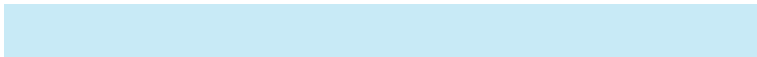
79.8843, 77.6669, 79.1875



83.1672, 93.8927, 107.5096

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.



69.7430, 77.6669, 98.4832



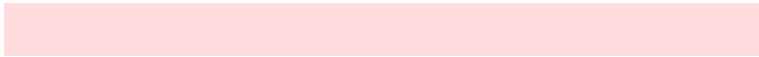
79.8843, 77.6669, 79.1875



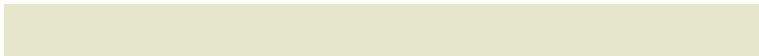
67.9113, 77.6669, 80.9237

Square

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



79.8843, 77.6669, 79.1875



71.9173, 77.6669, 68.7559



68.0708, 77.6669, 90.1828



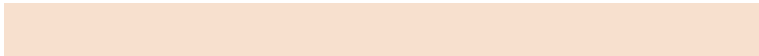
75.7561, 77.6669, 102.6311

Rectangle

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



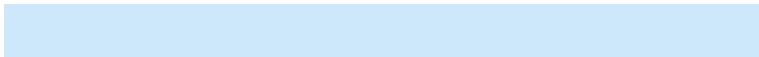
79.8843, 77.6669, 79.1875



76.1702, 77.6669, 69.1255



68.0708, 77.6669, 90.1828



71.5188, 77.6669, 102.1500

Sweetspot

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



79.8862, 77.6702, 79.1891



90.3271, 93.0419, 99.6565



84.4570, 79.4491, 105.4916



19.1496, 19.6437, 20.9701



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

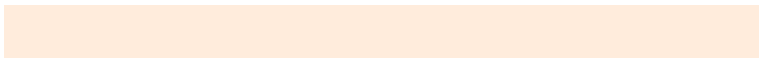
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.8862, 77.6702, 79.1891



77.6493, 74.3793, 74.7972



84.2516, 86.6126, 79.9919



18.0303, 17.9954, 18.7768



21.5786, 11.1207, 1.1654



2.1081, 1.0856, 0.1505

Inverse Universe

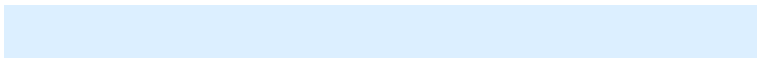
The Inverse Universe completely reimagines the original color for something new.



79.8862, 77.6702, 79.1891



77.6493, 74.3793, 74.7972



78.3370, 83.9763, 106.6880



18.0303, 17.9954, 18.7768



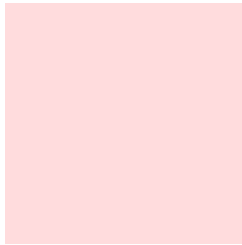
21.5786, 11.1207, 1.1654



2.1081, 1.0856, 0.1505

Previews

White Background



This preview shows how the XYZ color 79.8843, 77.6669, 79.1875 looks on a white background.

Color Contrast Check

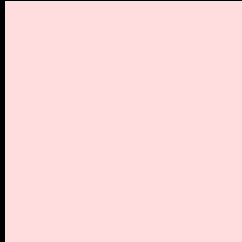
Large Text (above 18pt) WCAG AA × Fail

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 79.8843, 77.6669, 79.1875 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

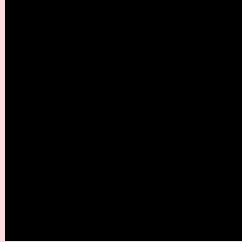
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

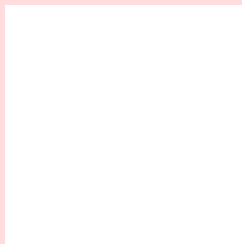
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.8843, 77.6669, 79.1875

Background



This preview shows how black text looks on a background with the XYZ color 79.8843, 77.6669, 79.1875.



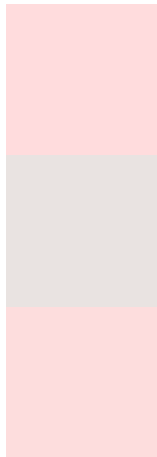
This preview shows how white text looks on a background with the XYZ color 79.8843, 77.6669,

79.1875.

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

79.8843, 77.6669, 79.1875

Protanopia

74.6640, 77.6981, 82.2962

Deuteranopia

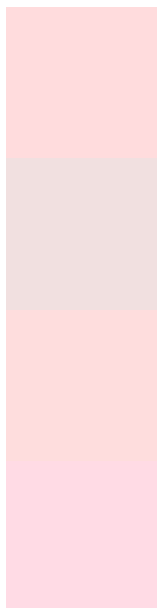
79.4156, 77.8160, 79.2410



Tritanopia

81.4228, 77.8635, 88.5796

Trichromacy



Original Color

79.8843, 77.6669, 79.1875

Protanomaly

76.3858, 77.3939, 81.4336

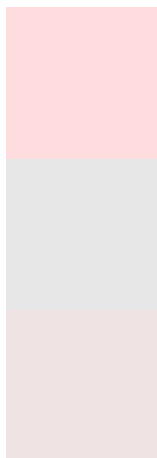
Deuteranomaly

79.7806, 78.0042, 79.2580

Tritanomaly

80.7144, 77.5802, 84.8491

Monochromacy



Original Color

79.8843, 77.6669, 79.1875

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

77.2694, 79.0095, 83.8509

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.8843, 77.6669, 79.1875 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, 220, 221)` looks like.

```
.text, #text, p{  
    color:rgb(255, 220, 221)  
}
```

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, 220, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 220, 221) }
```

Border

The CSS property to change the border of an element to XYZ 79.8843, 77.6669, 79.1875 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, 220, 221) }
```


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

```
.border{ border-color:rgb(255, 220, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 220, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 220, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 220, 221);  
box-shadow:4px 4px 4px 4px rgb(255, 220,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 79.8843, 77.6669, 79.1875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 220, 221) }
```

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

```
.background{ background-color: rgb(255,  
220, 221) }
```

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