

Converting Colors

XYZ(78.7819, 78.4118, 69.7262)

Have a look what the booklet for
XYZ(78.7819, 78.4118, 69.7262)
contains.

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Color

**XYZ(78.8902, 78.5403,
70.0333)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDFCF
RGB	255, 223, 207
RGB Percent	100%, 87%, 81%
CMY	0.0000, 0.1255, 0.1882
CMYK	0.00, 0.13, 0.19, 0.00
HSL	20°, 100%, 91%
HSV	20°, 19%, 100%
XYZ	78.8902, 78.5403, 70.0333
YIQ	230.7440, 24.2080, 1.8080

Conversions

Conversions Part 2

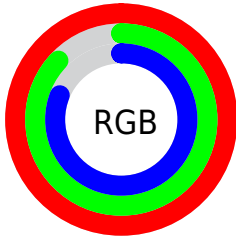
Format	Color
R _Y B	255, 231, 207
Decimal	16768975
CIE Lab	91.03, 8.57, 11.89
CIE LCh	91, 14.656, 54.196
Yxy	78.5403, 0.3468, 0.3453
Android (android.graphics.Color)	4294959055 (0xFFFFDFCF)
YUV	230.7440, -11.7058, 21.2725
Hunter-Lab	88.6230, 3.8066, 15.1828

Details

The XYZ color **78.8902, 78.5403, 70.0333** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.6478, 82.2161, 106.5427**, and the grayscale version is **75.8385, 79.7880, 86.8892**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.0411, 42.3109, 36.0353** is the 20% darker color. If you saturate the color by 10%, you get **71.7055, 68.7636, 53.4798**, and if you desaturate by 10%, it is **87.0380, 89.4369, 89.3937**.

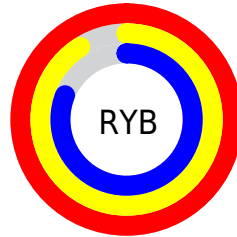
Distribution



Red (100%)

Green (87%)

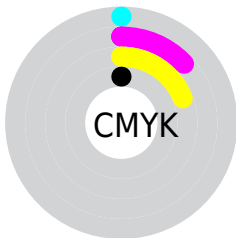
Blue (81%)



Red (100%)

Yellow (91%)

Blue (81%)

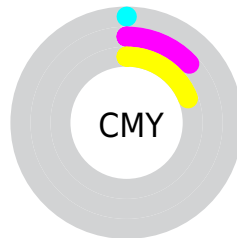


Cyan (0%)

Magenta (13%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (13%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.8902, 78.5403, 70.0333 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 78.8902, 78.5403, 70.0333 by changing the saturation by 10% instead.


 78.8902, 78.5403,
70.0333

 78.8902, 78.5403,
70.0333


479.9785,
489.9998, 479.4592

 59.1109, 58.5179,
51.0767


130.7630,
131.3115, 120.9378

 42.9491, 42.2252,
35.8925


163.5872,
164.8291, 153.7228

 30.0395, 29.2776,
24.0622


201.4904,
203.6139, 191.9543

 20.0168, 19.2910,
15.1671

244.8379,
248.0503, 236.0510

 12.5156, 11.8807,
8.7888

293.9951,
298.5227, 286.4312

 7.1705, 6.6625,
4.5088

349.3274,

 3.6163, 3.2519,

355.4155, 343.5137

1.9084

411.2001,
419.1131, 407.7168

■ 1.4874, 1.2646,
0.4981

■ 0.3172, 0.1136,
0.0000

■ 78.8902, 78.5403,
70.0333

■ 78.8902, 78.5403,
70.0333

■ 71.7055, 68.7636,
53.4798

■ 87.0380, 89.4369,
89.3937

■ 65.4409, 60.0604,
39.5969

95.0500, 100.0000,
108.9000

■ 60.0582, 52.3956,
28.2440

■ 55.5140, 45.7282,
19.2656

■ 51.7609, 40.0143,
12.4887

■ 48.7459, 35.2064,
7.7166

■ 46.4084, 31.2518,
4.7166

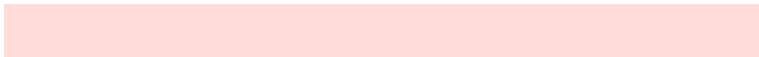
■ 44.6668, 28.0874,
3.1534

■ 44.4906, 27.7611,
3.0135

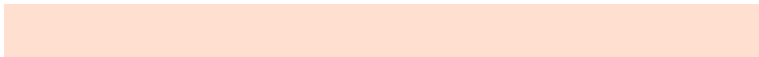
Harmonies

Analogous

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



81.3297, 78.5403, 77.4346



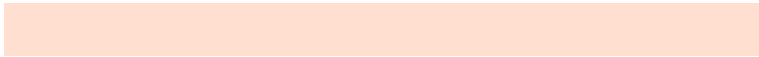
78.8902, 78.5403, 70.0333



75.3720, 78.5403, 66.8052

Triad

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



78.8902, 78.5403, 70.0333



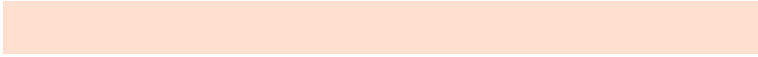
67.7934, 78.5403, 83.4731



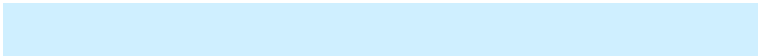
77.6044, 78.5403, 105.4818

Complementary

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



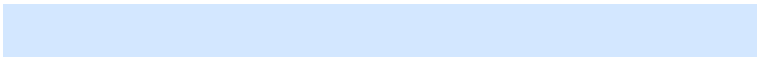
78.8902, 78.5403, 70.0333



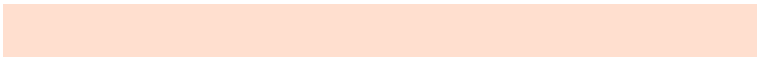
74.6478, 82.2161, 106.5427

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.



73.9330, 78.5403, 107.4324



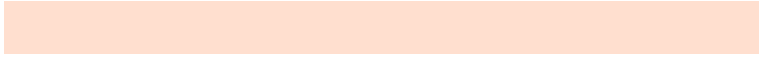
78.8902, 78.5403, 70.0333



68.3468, 78.5403, 94.1431

Square

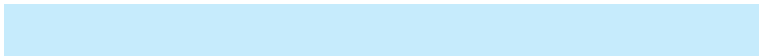
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.8902, 78.5403, 70.0333



69.0274, 78.5403, 74.1422



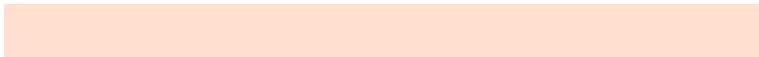
70.5649, 78.5403, 103.1297



80.5703, 78.5403, 97.9996

Rectangle

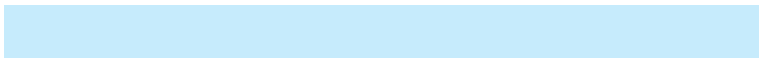
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.8902, 78.5403, 70.0333



72.9189, 78.5403, 67.2453



70.5649, 78.5403, 103.1297



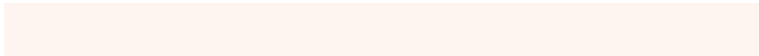
76.4086, 78.5403, 106.8307

Sweetspot

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



78.8920, 78.5437, 70.0349



89.5160, 92.7183, 95.3830



79.1333, 72.1185, 91.4113



19.0359, 19.6813, 20.1148



0.0000, 0.0000, 0.0000



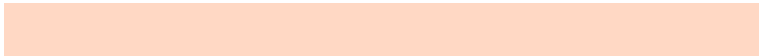
20.3446, 21.4041, 23.3091

Same Dimension

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



78.8920, 78.5437, 70.0349



75.7755, 74.3251, 62.7860



85.7635, 92.2868, 72.3255



18.5042, 18.9765, 18.8319



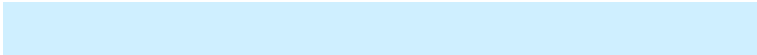
23.3692, 14.7497, 1.6153



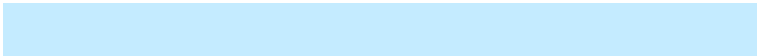
2.3710, 1.6274, 0.1892

Inverse Universe

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



74.6478, 82.2161, 106.5427



70.7417, 78.6740, 106.0648



68.0834, 69.0872, 104.3545



18.0147, 19.4010, 23.0452



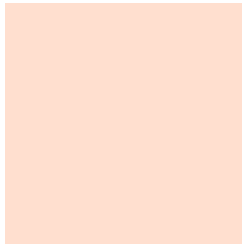
17.0831, 19.0757, 52.2162



1.7639, 2.0585, 5.1176

Previews

White Background



This preview shows how the XYZ color 78.8902, 78.5403, 70.0333 looks on a white background.

Color Contrast Check

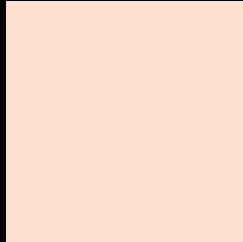
Large Text (above 18pt) WCAG AA × Fail

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 78.8902, 78.5403, 70.0333 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 78.8902, 78.5403, 70.0333

Background



This preview shows how black text looks on a background with the XYZ color 78.8902, 78.5403, 70.0333.

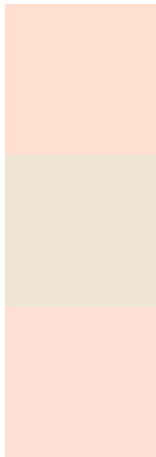


This preview shows how white text looks on a background with the XYZ color 78.8902, 78.5403,

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

78.8902, 78.5403, 70.0333

Protanopia

74.9121, 78.8689, 72.2477

Deuteranopia

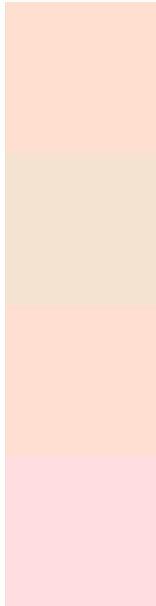
79.3855, 78.7385, 72.6420



Tritanopia

81.8286, 78.4446, 89.4257

Trichromacy



Original Color

78.8902, 78.5403, 70.0333

Protanomaly

76.2859, 78.7747, 71.5059

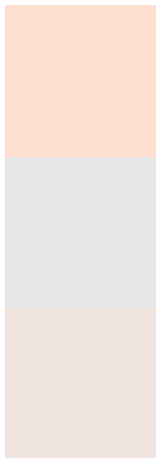
Deuteranomaly

79.2605, 78.6885, 71.9837

Tritanomaly

80.6871, 78.4091, 82.1160

Monochromacy



Original Color

78.8902, 78.5403, 70.0333

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

76.8634, 79.2860, 80.3598

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.8902, 78.5403, 70.0333 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, 207)` looks like.

```
.text, #text, p{  
    color:rgb(255, 223, 207)  
}
```

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, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 223, 207) }
```

Border

The CSS property to change the border of an element to XYZ 78.8902, 78.5403, 70.0333 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, 207) }
```


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

```
.border{ border-color:rgb(255, 223, 207) }
```

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, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 223, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 223, 207);  
box-shadow:4px 4px 4px 4px rgb(255, 223,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 78.8902, 78.5403, 70.0333 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, 207) }
```

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

```
.background{ background-color: rgb(255,  
223, 207) }
```

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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