

Converting Colors

XYZ(79.6699, 78.9175, 67.2838)

Have a look what the booklet for
XYZ(79.6699, 78.9175, 67.2838)
contains.

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Color

**XYZ(78.4072, 78.3471,
67.4899)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDFCB
RGB	255, 223, 203
RGB Percent	100%, 87%, 80%
CMY	0.0000, 0.1255, 0.2039
CMYK	0.00, 0.13, 0.20, 0.00
HSL	23°, 100%, 90%
HSV	23°, 20%, 100%
XYZ	78.4072, 78.3471, 67.4899
YIQ	230.2880, 25.4920, 0.5640

Conversions

Conversions Part 2

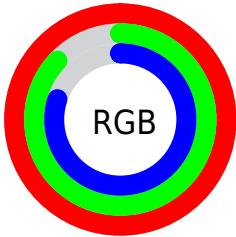
Format	Color
R _Y B	255, 236, 203
Decimal	16768971
CIE Lab	90.94, 7.99, 13.85
CIE LCh	91, 15.990, 60.016
Yxy	78.3471, 0.3497, 0.3494
Android (android.graphics.Color)	4294959051 (0xFFFFDFCB)
YUV	230.2880, -13.4530, 21.6724
Hunter-Lab	88.5139, 3.2192, 16.7524

Details

The XYZ color **78.4072, 78.3471, 67.4899** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.3861, 79.3309, 106.1050**, and the grayscale version is **75.5119, 79.4444, 86.5149**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.7161, 42.1810, 34.3241** is the 20% darker color. If you saturate the color by 10%, you get **71.6154, 69.2334, 51.4465**, and if you desaturate by 10%, it is **86.0909, 88.4444, 86.2985**.

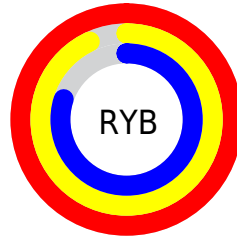
Distribution



Red (100%)

Green (87%)

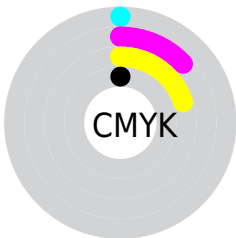
Blue (80%)



Red (100%)

Yellow (93%)

Blue (80%)

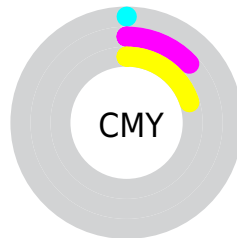


Cyan (0%)

Magenta (13%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (13%)


Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.4072, 78.3471, 67.4899 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 78.4072, 78.3471, 67.4899 by changing the saturation by 10% instead.


 78.4072, 78.3471,
67.4899

 78.4072, 78.3471,
67.4899


478.3673,
489.3448, 470.2355

 58.7125, 58.3592,
49.0188


130.0863,
131.0393, 117.2694

 42.6272, 42.0975,
34.2687


162.8014,
164.5124, 149.4149

 29.7860, 29.1776,
22.8210


200.5874,
203.2492, 186.9555

 19.8234, 19.2152,
14.2574

243.8096,
247.6343, 230.3099

 12.3743, 11.8259,
8.1591

292.8333,
298.0520, 279.8965

 7.0731, 6.6252,
4.1077

348.0239,

 3.5546, 3.2289,

354.8868, 336.1340

1.6846

409.7468,
418.5229, 399.4408

■ 1.4534, 1.2523,
0.3502

■ 0.2938, 0.1038,
0.0000

■ 78.4072, 78.3471,
67.4899

■ 78.4072, 78.3471,
67.4899

■ 71.6154, 69.2334,
51.4465

■ 86.0909, 88.4444,
86.2985

■ 65.6753, 61.0625,
38.0313

94.6940, 99.5446,
107.9905

■ 60.5513, 53.8051,
27.1029

95.0500, 100.0000,
108.9000

■ 56.2027, 47.4269,
18.5045

■ 52.5851, 41.8905,
12.0611

■ 49.6485, 37.1558,
7.5728

■ 47.3351, 33.1779,
4.8009

■ 45.6172, 30.0144,
3.3891

Harmonies

Analogous

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



81.3807, 78.3471, 74.6784



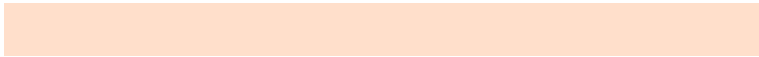
78.4072, 78.3471, 67.4899



74.4644, 78.3471, 64.9807

Triad

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



78.4072, 78.3471, 67.4899



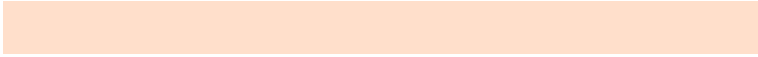
66.9824, 78.3471, 85.3129



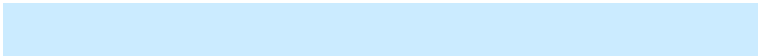
78.4111, 78.3471, 106.0046

Complementary

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



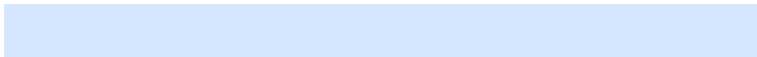
78.4072, 78.3471, 67.4899



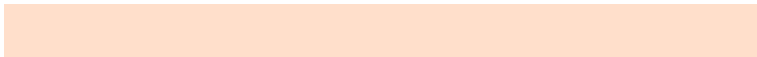
72.3861, 79.3309, 106.1050

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.



74.4687, 78.3471, 109.4825



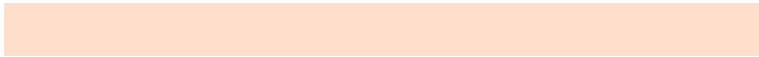
78.4072, 78.3471, 67.4899



67.9556, 78.3471, 96.8984

Square

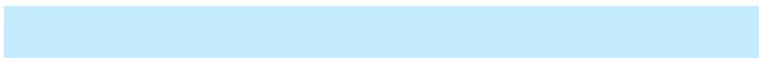
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.4072, 78.3471, 67.4899



67.9535, 78.3471, 74.6882



70.6602, 78.3471, 106.0118



81.3830, 78.3471, 96.8866

Rectangle

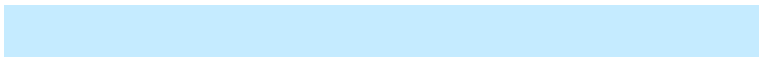
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.4072, 78.3471, 67.4899



71.8453, 78.3471, 66.1053



70.6602, 78.3471, 106.0118



77.1509, 78.3471, 107.9069

Sweetspot

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



78.4090, 78.3505, 67.4915



89.7536, 93.1935, 95.4622



77.6015, 69.9747, 88.0647



19.0919, 19.7934, 20.1335



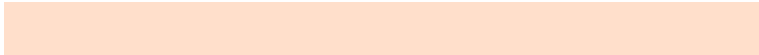
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



78.4090, 78.3505, 67.4915



75.8569, 74.9495, 61.3899



85.8748, 93.2822, 69.9801



18.5823, 19.1327, 18.8579



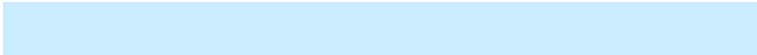
23.9694, 15.9500, 1.8153



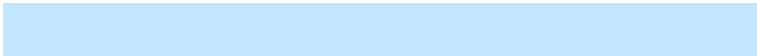
2.4357, 1.7568, 0.2107

Inverse Universe

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



72.3861, 79.3309, 106.1050



68.9504, 76.0701, 105.6567



65.4963, 65.5511, 103.8084



17.9336, 19.2389, 23.0182



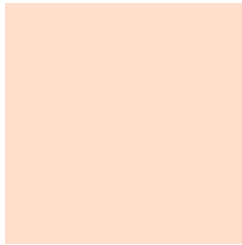
15.8716, 16.6528, 51.8124



1.6512, 1.8332, 5.0801

Previews

White Background



This preview shows how the XYZ color 78.4072, 78.3471, 67.4899 looks on a white background.

Color Contrast Check

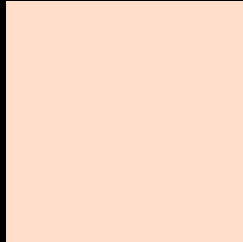
Large Text (above 18pt) WCAG AA × Fail

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 78.4072, 78.3471, 67.4899 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

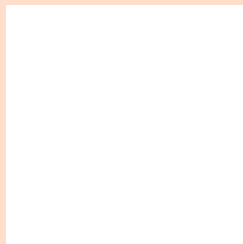
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.4072, 78.3471, 67.4899

Background



This preview shows how black text looks on a background with the XYZ color 78.4072, 78.3471, 67.4899.



This preview shows how white text looks on a background with the XYZ color 78.4072, 78.3471,

67.4899.

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

78.4072, 78.3471, 67.4899

Protanopia

74.4806, 78.2938, 69.5792

Deuteranopia

78.8699, 78.1060, 71.2407



Tritanopia

81.6845, 78.3869, 88.6669

Trichromacy



Original Color

78.4072, 78.3471, 67.4899

Protanomaly

75.8720, 78.2130, 68.8553

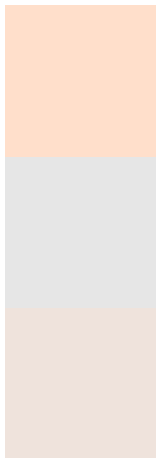
Deuteranomaly

78.6238, 78.0075, 69.9445

Tritanomaly

80.4157, 78.3006, 80.6872

Monochromacy



Original Color

78.4072, 78.3471, 67.4899

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.9840, 78.4562, 78.8489

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.4072, 78.3471, 67.4899 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, 203)` looks like.

```
.text, #text, p{  
    color:rgb(255, 223, 203)  
}
```

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, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 223, 203) }
```

Border

The CSS property to change the border of an element to XYZ 78.4072, 78.3471, 67.4899 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, 203) }
```


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

```
.border{ border-color:rgb(255, 223, 203) }
```

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, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 223, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 223, 203);  
box-shadow:4px 4px 4px 4px rgb(255, 223,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 78.4072, 78.3471, 67.4899 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, 203) }
```

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

```
.background{ background-color: rgb(255,  
223, 203) }
```

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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