

Converting Colors

XYZ(121.2544, 100.0000,
69.4776)

Have a look what the booklet for
XYZ(121.2544, 100.0000, 69.4776)
contains.

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Color

**XYZ(78.1408, 77.8143,
67.4011)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDECB
RGB	255, 222, 203
RGB Percent	100%, 87%, 80%
CMY	0.0000, 0.1294, 0.2039
CMYK	0.00, 0.13, 0.20, 0.00
HSL	22°, 100%, 90%
HSV	22°, 20%, 100%
XYZ	78.1408, 77.8143, 67.4011
YIQ	229.7010, 25.7670, 1.0870

Conversions

Conversions Part 2

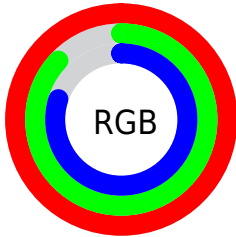
Format	Color
R _Y B	255, 233, 203
Decimal	16768715
CIE Lab	90.70, 8.51, 13.51
CIE LCh	91, 15.962, 57.795
Yxy	77.8143, 0.3498, 0.3484
Android (android.graphics.Color)	4294958795 (0xFFFFDECB)
YUV	229.7010, -13.1636, 22.1872
Hunter-Lab	88.2124, 3.7481, 16.4465

Details

The XYZ color **78.1408, 77.8143, 67.4011** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.6732, 79.9051, 106.2007**, and the grayscale version is **75.0752, 78.9849, 86.0146**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.5322, 41.8131, 34.2628** is the 20% darker color. If you saturate the color by 10%, you get **71.2553, 68.5132, 51.3264**, and if you desaturate by 10%, it is **85.9422, 88.1470, 86.2489**.

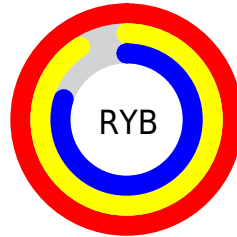
Distribution



Red (100%)

Green (87%)

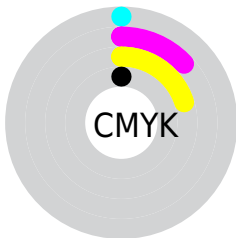
Blue (80%)



Red (100%)

Yellow (91%)

Blue (80%)

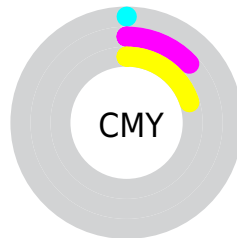


Cyan (0%)

Magenta (13%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (13%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.1408, 77.8143, 67.4011 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 78.1408, 77.8143, 67.4011 by changing the saturation by 10% instead.


 78.1408, 77.8143,
67.4011

 78.1408, 77.8143,
67.4011


477.4774,
487.5359, 469.9115

 58.4928, 57.9214,
48.9470


129.7129,
130.2883, 117.1411

 42.4498, 41.7455,
34.2121


162.3677,
163.6383, 149.2640

 29.6463, 28.9021,
22.7779


200.0889,
202.2427, 186.7803

 19.7170, 19.0067,
14.2259

243.2418,
246.4860, 230.1086

 12.2966, 11.6752,
8.1374

292.1917,
296.7526, 279.6673

 7.0196, 6.5229,
4.0940

347.3041,

 3.5208, 3.1656,

353.4268, 335.8750

1.6770

408.9442,
416.8932, 399.1502

■ 1.4348, 1.2188,
0.3449

■ 0.2808, 0.0770,
0.0000

■ 78.1408, 77.8143,
67.4011

■ 78.1408, 77.8143,
67.4011

■ 71.2553, 68.5132,
51.3264

■ 85.9422, 88.1470,
86.2489

■ 65.2444, 60.2006,
37.8876

94.6879, 99.5324,
107.9884

■ 60.0713, 52.8453,
26.9429

95.0500, 100.0000,
108.9000

■ 55.6943, 46.4102,
18.3350

■ 52.0676, 40.8556,
11.8887

■ 49.1398, 36.1385,
7.4033

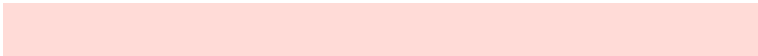
■ 46.8516, 32.2109,
4.6397

■ 45.1717, 29.1234,
3.2406

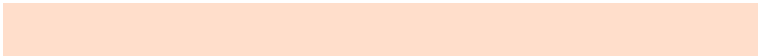
Harmonies

Analogous

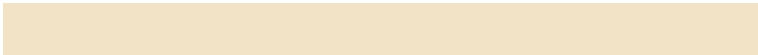
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.9840, 77.8143, 74.8524



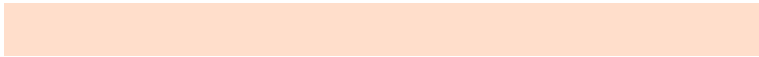
78.1408, 77.8143, 67.4011



74.2568, 77.8143, 64.5432

Triad

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



78.1408, 77.8143, 67.4011



66.5286, 77.8143, 83.8809



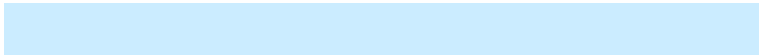
77.6097, 77.8143, 105.7730

Complementary

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



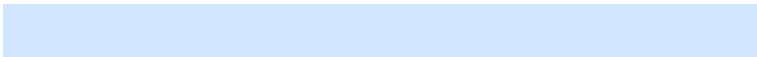
78.1408, 77.8143, 67.4011



72.6732, 79.9051, 106.2007

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.



73.6643, 77.8143, 108.7317



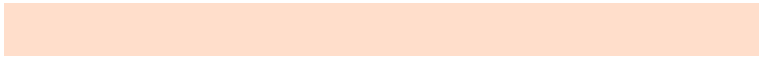
78.1408, 77.8143, 67.4011



67.3547, 77.8143, 95.4330

Square

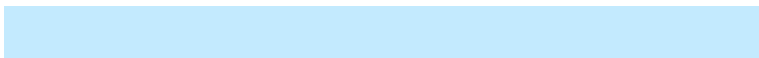
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.1408, 77.8143, 67.4011



67.6334, 77.8143, 73.5074



69.9314, 77.8143, 104.7924



80.6697, 77.8143, 97.0328

Rectangle

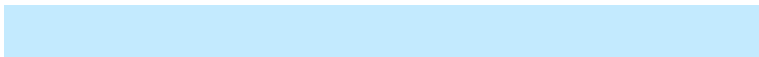
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.1408, 77.8143, 67.4011



71.6314, 77.8143, 65.4137



69.9314, 77.8143, 104.7924



76.3388, 77.8143, 107.5094

Sweetspot

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



78.1426, 77.8177, 67.4027



89.6644, 93.0150, 95.4325



77.8533, 70.0754, 89.3907



19.0709, 19.7513, 20.1265



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.



78.1426, 77.8177, 67.4027



75.5539, 74.3436, 61.2889



85.3417, 92.2160, 69.8024



18.5529, 19.0740, 18.8481



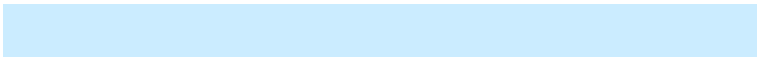
23.7326, 15.4764, 1.7364



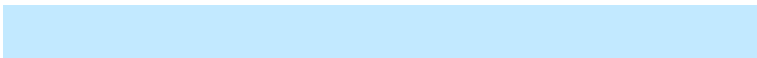
2.4105, 1.7064, 0.2023

Inverse Universe

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



72.6732, 79.9051, 106.2007



69.2818, 76.7329, 105.7671



65.9240, 66.4067, 103.9509



17.9640, 19.2996, 23.0283



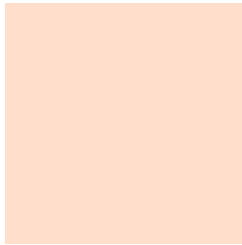
16.3117, 17.5330, 51.9591



1.6924, 1.9155, 5.0938

Previews

White Background



This preview shows how the XYZ color 78.1408, 77.8143, 67.4011 looks on a white background.

Color Contrast Check

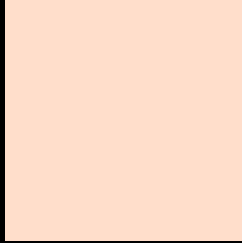
Large Text (above 18pt) WCAG AA × Fail

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 78.1408, 77.8143, 67.4011 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 78.1408, 77.8143, 67.4011

Background



This preview shows how black text looks on a background with the XYZ color 78.1408, 77.8143, 67.4011.

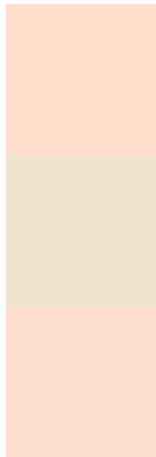


This preview shows how white text looks on a background with the XYZ color 78.1408, 77.8143,

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

78.1408, 77.8143, 67.4011

Protanopia

74.1439, 78.1202, 69.5634

Deuteranopia

78.7464, 78.0566, 70.5906



Tritanopia

81.4228, 77.8635, 88.5796

Trichromacy



Original Color

78.1408, 77.8143, 67.4011

Protanomaly

75.5240, 78.0336, 68.8391

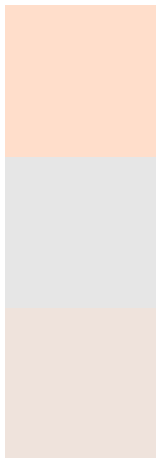
Deuteranomaly

78.5019, 77.9588, 69.3026

Tritanomaly

80.1525, 77.7741, 80.5995

Monochromacy



Original Color

78.1408, 77.8143, 67.4011

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 78.1408, 77.8143, 67.4011 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, 222, 203)` looks like.

```
.text, #text, p{  
    color:rgb(255, 222, 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, 222, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 222, 203) }
```

Border

The CSS property to change the border of an element to XYZ 78.1408, 77.8143, 67.4011 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, 222, 203) }
```


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

```
.border{ border-color:rgb(255, 222, 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, 222, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 222, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 222, 203);  
box-shadow:4px 4px 4px 4px rgb(255, 222,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 78.1408, 77.8143, 67.4011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 222, 203) }
```

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

```
.background{ background-color: rgb(255,  
222, 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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