

Converting Colors

XYZ(78.9417, 77.2018, 74.4948)

Have a look what the booklet for
XYZ(78.9417, 77.2018, 74.4948)
contains.

XYZ(78.9708, 77.3014, 74.3768)	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(78.9708, 77.3014,
74.3768)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDCD6
RGB	255, 220, 214
RGB Percent	100%, 86%, 84%
CMY	0.0000, 0.1372, 0.1608
CMYK	0.00, 0.14, 0.16, 0.00
HSL	9°, 100%, 92%
HSV	9°, 16%, 100%
XYZ	78.9708, 77.3014, 74.3768
YIQ	229.7810, 22.7860, 5.5540

Conversions

Conversions Part 2

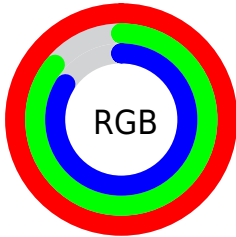
Format	Color
R _Y B	255, 221, 214
Decimal	16768214
CIE _{Lab}	90.46, 11.17, 7.41
CIE _{LCh}	90, 13.408, 33.565
Y _{xy}	77.3014, 0.3424, 0.3351
Android (android.graphics.Color)	4294958294 (0xFFFFDCD6)
Y _{UV}	229.7810, -7.7800, 22.1171
Hunter-Lab	87.9212, 6.4665, 11.3886

Details

The XYZ color **78.9708, 77.3014, 74.3768** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.6563, 89.2650, 107.6393**, and the grayscale version is **75.0973, 79.0082, 86.0400**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.0018, 41.4192, 38.5292** is the 20% darker color. If you saturate the color by 10%, you get **70.6204, 65.4108, 56.7644**, and if you desaturate by 10%, it is **88.5784, 90.8900, 94.9254**.

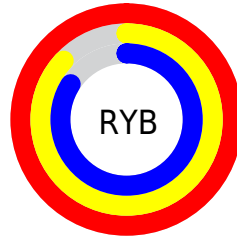
Distribution



Red (100%)

Green (86%)

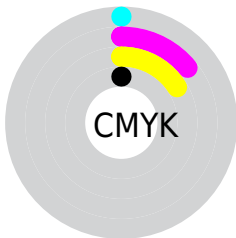
Blue (84%)



Red (100%)

Yellow (87%)

Blue (84%)

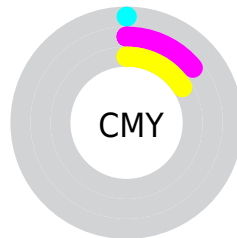


Cyan (0%)

Magenta (14%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (14%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.9708, 77.3014, 74.3768 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 78.9708, 77.3014, 74.3768 by changing the saturation by 10% instead.


 78.9708, 77.3014,
74.3768

 78.9708, 77.3014,
74.3768


480.2471,
485.7910, 494.9710

 59.1773, 57.5003,
54.6038


130.8759,
129.5649, 127.1688

 43.0028, 41.4070,
38.6882


163.7183,
162.7960, 161.0249

 30.0819, 28.6373,
26.2113


201.6410,
201.2725, 200.4124

 20.0491, 18.8066,
16.7546

245.0094,
245.3790, 245.7500

 12.5392, 11.5306,
9.8996

294.1888,
295.4996, 297.4561

 7.1868, 6.4249,
5.2277

349.5447,

 3.6266, 3.1051,

352.0189, 355.9492

2.3204

411.4423,
415.3213, 421.6480

■ 1.4931, 1.1869,
0.7426

■ 0.3212, 0.0509,
0.0000

■ 78.9708, 77.3014,
74.3768

■ 78.9708, 77.3014,
74.3768

■ 70.6204, 65.4108,
56.7644

■ 88.5784, 90.8900,
94.9254

■ 63.4697, 55.1418,
41.9493

95.0500, 100.0000,
108.9000

■ 57.4646, 46.4268,
29.7886

■ 52.5447, 39.1898,
20.1247

■ 48.6440, 33.3480,
12.7834

■ 45.6893, 28.8108,
7.5680

■ 43.5968, 25.4762,
4.2490

■ 42.2672, 23.2268,
2.5427

■ 41.9124, 22.6048,
2.1541

Harmonies

Analogous

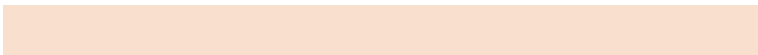
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.0897, 77.3014, 83.0264



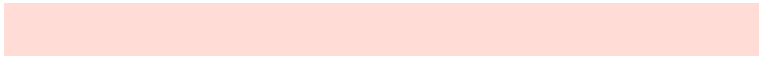
78.9708, 77.3014, 74.3768



76.3772, 77.3014, 68.7089

Triad

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



78.9708, 77.3014, 74.3768



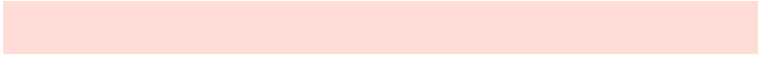
67.8554, 77.3014, 76.2210



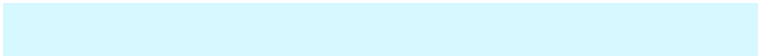
73.8738, 77.3014, 103.9515

Complementary

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



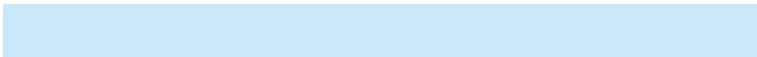
78.9708, 77.3014, 74.3768



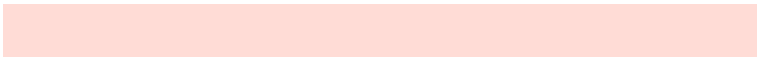
79.6563, 89.2650, 107.6393

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.



70.6427, 77.3014, 101.7878



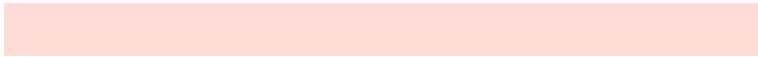
78.9708, 77.3014, 74.3768



67.2305, 77.3014, 85.3201

Square

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



78.9708, 77.3014, 74.3768



69.9692, 77.3014, 69.7155



68.2358, 77.3014, 94.7830



77.0912, 77.3014, 100.4916

Rectangle

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



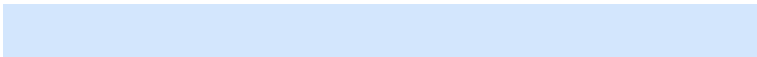
78.9708, 77.3014, 74.3768



74.1968, 77.3014, 67.1380



68.2358, 77.3014, 94.7830



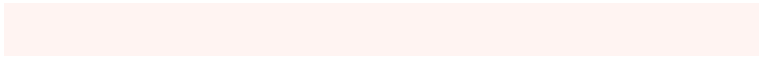
72.7532, 77.3014, 103.8589

Sweetspot

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



78.9726, 77.3047, 74.3784



89.6906, 92.4578, 97.3203



82.4692, 76.2269, 100.4261



19.0419, 19.5705, 20.4955



0.0000, 0.0000, 0.0000



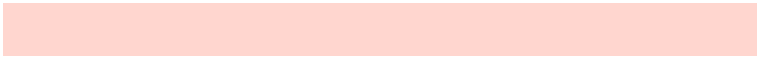
20.3446, 21.4041, 23.3091

Same Dimension

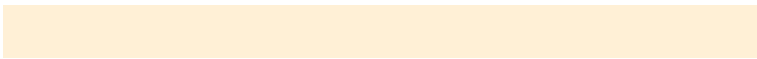
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.9726, 77.3047, 74.3784



76.4045, 73.6570, 68.9337



84.5283, 88.4160, 76.2303



18.2240, 18.4161, 18.7385



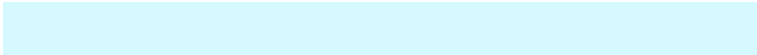
21.9643, 11.9398, 1.1470



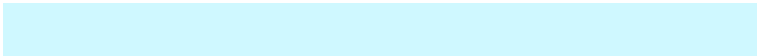
2.1995, 1.2843, 0.1320

Inverse Universe

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



79.6563, 89.2650, 107.6393



77.1945, 87.4966, 107.4277



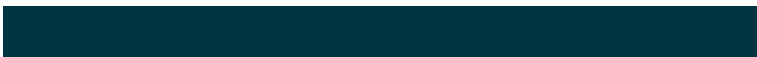
73.8109, 77.5740, 105.6908



18.3148, 20.0012, 23.1453



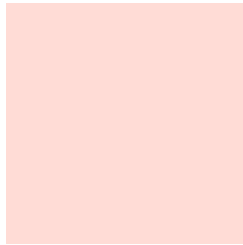
22.5714, 30.0524, 54.0456



2.2568, 3.0443, 5.2819

Previews

White Background



This preview shows how the XYZ color 78.9708, 77.3014, 74.3768 looks on a white background.

Color Contrast Check

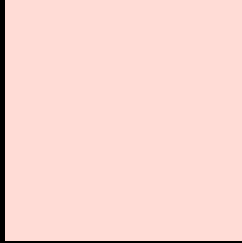
Large Text (above 18pt) WCAG AA × Fail

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 78.9708, 77.3014, 74.3768 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

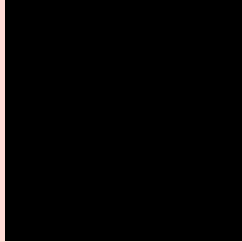
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

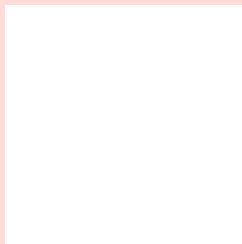
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.9708, 77.3014, 74.3768

Background



This preview shows how black text looks on a background with the XYZ color 78.9708, 77.3014, 74.3768.



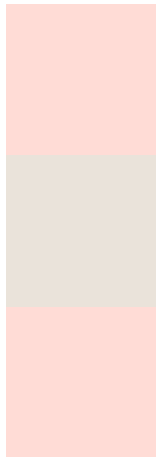
This preview shows how white text looks on a background with the XYZ color 78.9708, 77.3014,

74.3768.

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

78.9708, 77.3014, 74.3768

Protanopia

74.0557, 77.4926, 77.3841

Deuteranopia

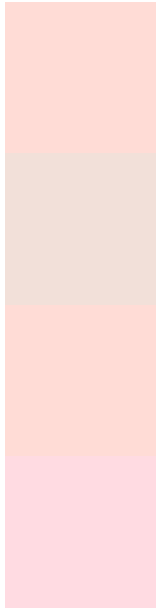
78.9708, 77.3014, 74.3768



Tritanopia

81.0194, 77.2860, 87.7383

Trichromacy



Original Color

78.9708, 77.3014, 74.3768

Protanomaly

75.7980, 77.1983, 76.5514

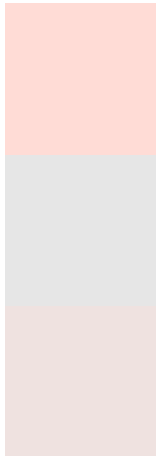
Deuteranomaly

78.9708, 77.3014, 74.3768

Tritanomaly

80.2990, 77.4140, 82.6617

Monochromacy



Original Color

78.9708, 77.3014, 74.3768

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

76.2475, 78.1253, 81.5820

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.9708, 77.3014, 74.3768 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, 214)` looks like.

```
.text, #text, p{  
    color:rgb(255, 220, 214)  
}
```

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, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 220, 214) }
```

Border

The CSS property to change the border of an element to XYZ 78.9708, 77.3014, 74.3768 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, 214) }
```


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

```
.border{ border-color:rgb(255, 220, 214) }
```

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, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 220, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 220, 214);  
box-shadow:4px 4px 4px 4px rgb(255, 220,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 78.9708, 77.3014, 74.3768 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, 214) }
```

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

```
.background{ background-color: rgb(255,  
220, 214) }
```

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