

Converting Colors

XYZ(77.1086, 75.0652, 69.1684)

Have a look what the booklet for
XYZ(77.1086, 75.0652, 69.1684)
contains.

XYZ(77.0584, 74.8767, 69.4227)	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(77.0584, 74.8767,
69.4227)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD8CF
RGB	255, 216, 207
RGB Percent	100%, 85%, 81%
CMY	0.0000, 0.1529, 0.1882
CMYK	0.00, 0.15, 0.19, 0.00
HSL	11°, 100%, 91%
HSV	11°, 19%, 100%
XYZ	77.0584, 74.8767, 69.4227
YIQ	226.6350, 26.1330, 5.4690

Conversions

Conversions Part 2

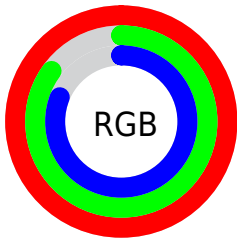
Format	Color
R_{YB}	255, 218, 207
Decimal	16767183
CIE _{Lab}	89.34, 12.20, 9.47
CIE _{LCh}	89, 15.443, 37.842
Yxy	74.8767, 0.3481, 0.3383
Android (android.graphics.Color)	4294957263 (0xFFFFD8CF)
YUV	226.6350, -9.6801, 24.8761
Hunter-Lab	86.5313, 7.5291, 13.0045

Details

The XYZ color **77.0584, 74.8767, 69.4227** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.7370, 86.3944, 107.2391**, and the grayscale version is **72.8048, 76.5963, 83.4134**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.7833, 39.7954, 35.6161** is the 20% darker color. If you saturate the color by 10%, you get **69.2122, 63.7771, 52.6487**, and if you desaturate by 10%, it is **86.0807, 87.5224, 89.0746**.

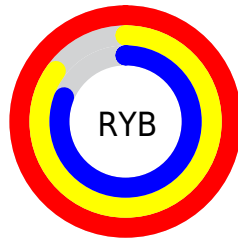
Distribution



Red (100%)

Green (85%)

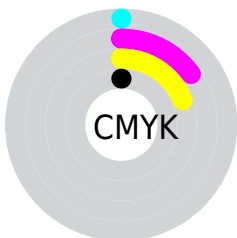
Blue (81%)



Red (100%)

Yellow (85%)

Blue (81%)

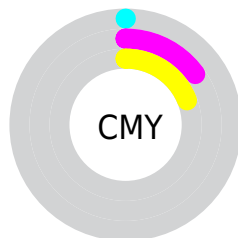


Cyan (0%)

Magenta (15%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.0584, 74.8767, 69.4227 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 77.0584, 74.8767, 69.4227 by changing the saturation by 10% instead.


 77.0584, 74.8767,
69.4227

 77.0584, 74.8767,
69.4227


473.8520,
477.4937, 477.2546

 57.6009, 55.5119,
50.5821


128.1943,
126.1378, 120.0585

 41.7299, 39.8117,
35.5018


160.6035,
158.8029, 152.6908

 29.0800, 27.3918,
23.7630


198.0605,
196.6702, 190.7575

 19.2860, 17.8677,
14.9473

240.9308,
240.1241, 234.6770

 11.9823, 10.8550,
8.6362

289.5798,
289.5490, 284.8679

 6.8038, 5.9694,
4.4111

344.3727,

 3.3849, 2.8265,

345.3293, 341.7488

1.8535

405.6750,
407.8494, 405.7382

■ 1.3604, 1.0418,
0.4629

■ 0.2278, 0.0000,
0.0000

■ 77.0584, 74.8767,
69.4227

■ 77.0584, 74.8767,
69.4227

■ 69.2122, 63.7771,
52.6487

■ 86.0807, 87.5224,
89.0746

■ 62.4880, 54.1546,
38.6126

95.0500, 100.0000,
108.9000

■ 56.8351, 45.9494,
27.1696

■ 52.1968, 39.0937,
18.1598

■ 48.5108, 33.5142,
11.4053

■ 45.7079, 29.1303,
6.7039

■ 43.7084, 25.8518,
3.8165

■ 42.4089, 23.5715,
2.4007

■ 42.2903, 23.3607,
2.2801

Harmonies

Analogous

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



78.6074, 74.8767, 78.7231



77.0584, 74.8767, 69.4227



73.9423, 74.8767, 63.7430

Triad

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



77.0584, 74.8767, 69.4227



64.6519, 74.8767, 73.9326



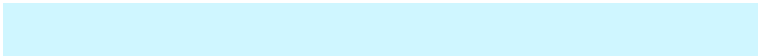
72.1635, 74.8767, 103.9160

Complementary

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



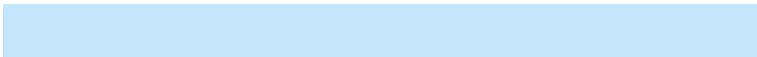
77.0584, 74.8767, 69.4227



76.7370, 86.3944, 107.2391

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.



68.4641, 74.8767, 102.3469



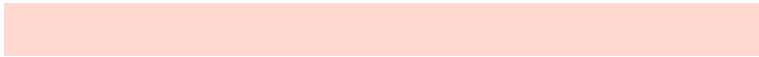
77.0584, 74.8767, 69.4227



64.2136, 74.8767, 84.3988

Square

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



77.0584, 74.8767, 69.4227



66.8052, 74.8767, 66.1819



65.5858, 74.8767, 94.9645



75.7169, 74.8767, 99.0800

Rectangle

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



77.0584, 74.8767, 69.4227



71.4419, 74.8767, 62.4607



65.5858, 74.8767, 94.9645



70.8950, 74.8767, 104.1274

Sweetspot

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



77.0601, 74.8799, 69.4242



88.8458, 91.3777, 95.1596



80.2185, 72.5525, 97.1261



18.8779, 19.3652, 20.0621



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.



77.0601, 74.8799, 69.4242



73.6421, 70.0582, 62.0749



83.6041, 87.9678, 71.6056



18.2850, 18.5382, 18.7588



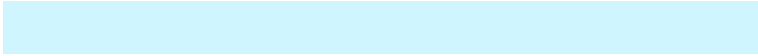
22.1760, 12.3632, 1.2175



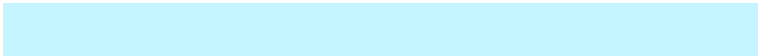
2.2291, 1.3436, 0.1419

Inverse Universe

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



76.7370, 86.3944, 107.2391



73.2560, 83.7025, 106.9029



69.9573, 72.8351, 104.9792



18.2481, 19.8679, 23.1231



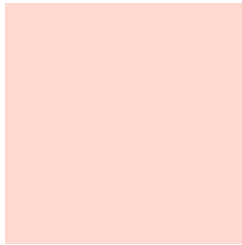
21.2148, 27.3392, 53.5934



2.1370, 2.8046, 5.2420

Previews

White Background



This preview shows how the XYZ color 77.0584, 74.8767, 69.4227 looks on a white background.

Color Contrast Check

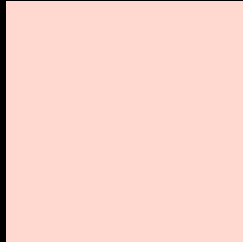
Large Text (above 18pt) WCAG AA × Fail

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 77.0584, 74.8767, 69.4227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

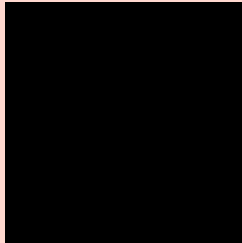
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.0584, 74.8767, 69.4227

Background



This preview shows how black text looks on a background with the XYZ color 77.0584, 74.8767, 69.4227.



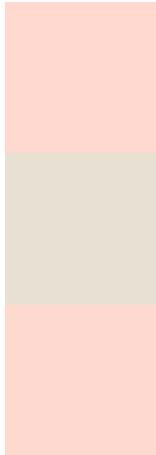
This preview shows how white text looks on a background with the XYZ color 77.0584, 74.8767,

69.4227.

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

77.0584, 74.8767, 69.4227

Protanopia

71.6922, 75.1703, 72.3587

Deuteranopia

76.5834, 75.0133, 69.4741



Tritanopia

79.4294, 75.0103, 84.4208

Trichromacy



Original Color

77.0584, 74.8767, 69.4227

Protanomaly

73.4245, 74.8913, 71.5583

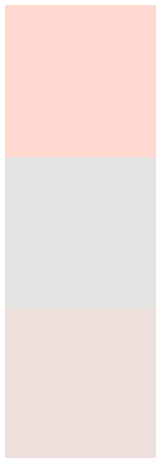
Deuteranomaly

76.9484, 75.2015, 69.4912

Tritanomaly

78.5916, 75.0813, 78.7565

Monochromacy



Original Color

77.0584, 74.8767, 69.4227

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

74.2310, 75.9472, 78.4570

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.0584, 74.8767, 69.4227 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, 216, 207)` looks like.

```
.text, #text, p{  
    color:rgb(255, 216, 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, 216, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 216, 207) }
```

Border

The CSS property to change the border of an element to XYZ 77.0584, 74.8767, 69.4227 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, 216, 207) }
```


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

```
.border{ border-color:rgb(255, 216, 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, 216, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 216, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 216, 207);  
box-shadow:4px 4px 4px 4px rgb(255, 216,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 77.0584, 74.8767, 69.4227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 216, 207) }
```

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

```
.background{ background-color: rgb(255,  
216, 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](#).

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