

Converting Colors

XYZ(77.8415, 77.9180, 69.6873)

Have a look what the booklet for
XYZ(77.8415, 77.9180, 69.6873)
contains.

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Color

**XYZ(77.7950, 77.9758,
69.9821)**

Conversions

Conversions Part 1

Format	Color
Hex	FCDFCF
RGB	252, 223, 207
RGB Percent	99%, 87%, 81%
CMY	0.0118, 0.1255, 0.1882
CMYK	0.00, 0.12, 0.18, 0.01
HSL	21°, 88%, 90%
HSV	21°, 18%, 99%
XYZ	77.7950, 77.9758, 69.9821
YIQ	229.8470, 22.4200, 1.1720

Conversions

Conversions Part 2

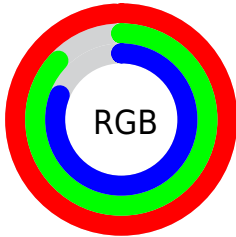
Format	Color
R _Y B	252, 232, 207
Decimal	16572367
CIE Lab	90.77, 7.50, 11.48
CIE LCh	91, 13.715, 56.865
Yxy	77.9758, 0.3446, 0.3454
Android (android.graphics.Color)	4294762447 (0xFFFCDFCF)
YUV	229.8470, -11.2636, 19.4282
Hunter-Lab	88.3039, 2.7252, 14.8246

Details

The XYZ color **77.7950, 77.9758, 69.9821** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.2977, 80.2826, 103.7288**, and the grayscale version is **75.1715, 79.0862, 86.1249**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.2581, 41.9073, 35.9987** is the 20% darker color. If you saturate the color by 10%, you get **70.8250, 68.5785, 53.6527**, and if you desaturate by 10%, it is **85.6771, 88.4089, 89.0432**.

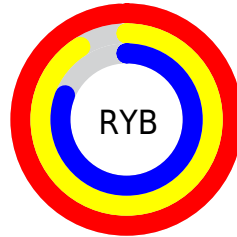
Distribution



Red (99%)

Green (87%)

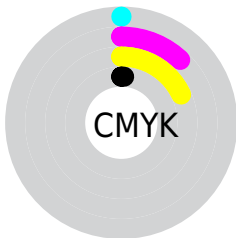
Blue (81%)



Red (99%)

Yellow (91%)

Blue (81%)

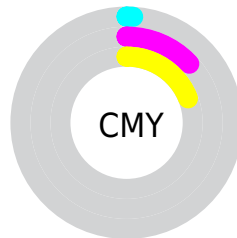


Cyan (0%)

Magenta (12%)

Yellow (18%)

Black (1%)



Cyan (1%)


Magenta (13%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.7950, 77.9758, 69.9821 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 77.7950, 77.9758, 69.9821 by changing the saturation by 10% instead.


 77.7950, 77.9758,
69.9821

 77.7950, 77.9758,
69.9821


476.3208,
488.0846, 479.2746

 58.2078, 58.0541,
51.0352


129.2280,
130.5160, 120.8641

 42.2196, 41.8521,
35.8597


161.8045,
163.9033, 153.6363

 29.4652, 28.9855,
24.0370

199.4415,
202.5479, 191.8541

 19.5790, 19.0699,
15.1486


242.5042,
246.8343, 235.9359

 12.1959, 11.7208,
8.7760

291.3582,
297.1467, 286.3003

 6.9504, 6.5538,
4.5005

346.3687,

 3.4771, 3.1847,

353.8696, 343.3658

1.9038

407.9012,
417.3875, 407.5511

■ 1.4108, 1.2289,
0.4951

■ 0.2639, 0.0851,
0.0000

■ 77.7950, 77.9758,
69.9821

■ 77.7950, 77.9758,
69.9821

■ 70.8250, 68.5785,
53.6527

■ 85.6771, 88.4089,
89.0432

■ 64.7257, 60.1739,
39.9236

■ 93.9551, 99.4355,
108.8488

■ 59.4621, 52.7311,
28.6598

■ 54.9937, 46.2136,
19.7123

■ 51.2766, 40.5821,
12.9154

■ 48.2616, 35.7943,
8.0813

■ 45.8927, 31.8035,
4.9888

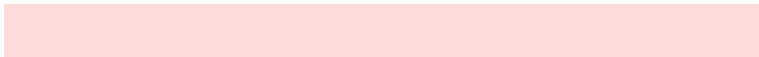
■ 44.0985, 28.5551,
3.3425

■ 43.7699, 27.9452,
3.0870

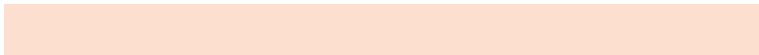
Harmonies

Analogous

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



80.1833, 77.9758, 76.6124



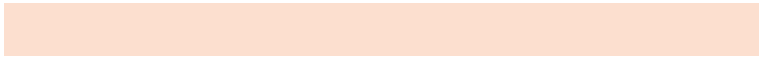
77.7950, 77.9758, 69.9821



74.4766, 77.9758, 67.3284

Triad

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



77.7950, 77.9758, 69.9821



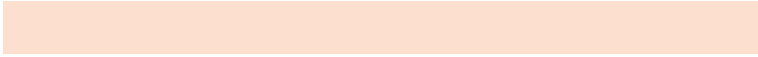
67.6923, 77.9758, 83.8687



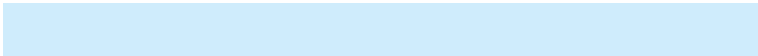
77.1485, 77.9758, 102.9815

Complementary

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



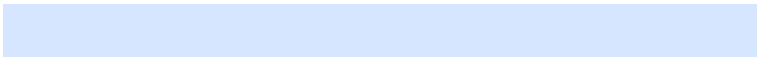
77.7950, 77.9758, 69.9821



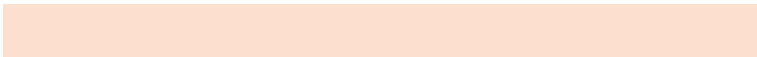
73.2977, 80.2826, 103.7288

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.



73.7518, 77.9758, 105.2957



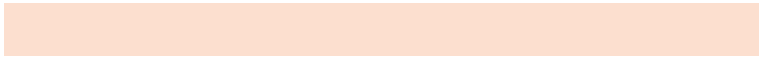
77.7950, 77.9758, 69.9821



68.3583, 77.9758, 93.7699

Square

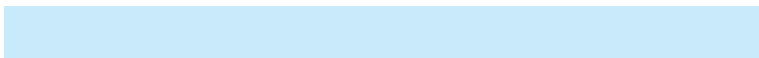
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.7950, 77.9758, 69.9821



68.7023, 77.9758, 74.9459



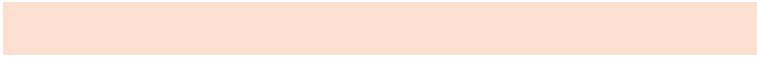
70.5503, 77.9758, 101.8056



79.8020, 77.9758, 95.7038

Rectangle

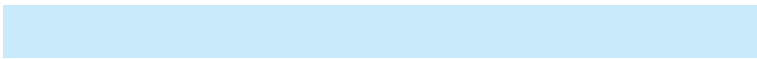
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.7950, 77.9758, 69.9821



72.2079, 77.9758, 68.0056



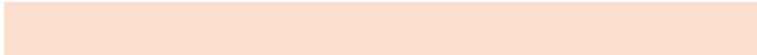
70.5503, 77.9758, 101.8056



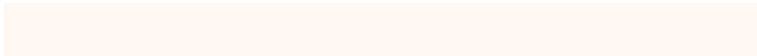
76.0527, 77.9758, 104.3890

Sweetspot

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



77.7971, 77.9793, 69.9837



90.4996, 94.0758, 97.5900



77.6351, 71.3928, 89.2365



19.2380, 19.9626, 20.5608



0.0000, 0.0000, 0.0000



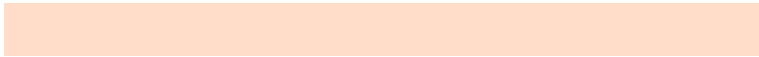
20.3446, 21.4041, 23.3091

Same Dimension

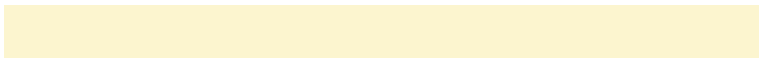
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.7971, 77.9793, 69.9837



77.5592, 76.9453, 66.3004



84.1361, 90.6572, 72.0967



17.7497, 18.2353, 18.0466



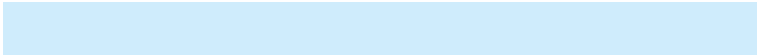
22.9259, 14.8084, 1.6500



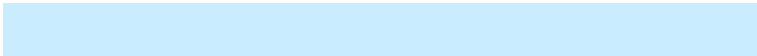
2.2193, 1.5634, 0.1848

Inverse Universe

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



73.2977, 80.2826, 103.7288



72.2408, 79.6645, 106.1770



67.2871, 68.2614, 101.7253



17.2161, 18.5090, 22.0505



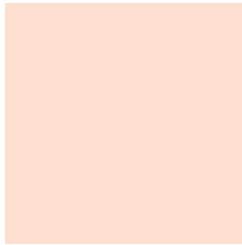
16.0616, 17.4787, 50.5007



1.5875, 1.8187, 4.7106

Previews

White Background



This preview shows how the XYZ color 77.7950, 77.9758, 69.9821 looks on a white background.

Color Contrast Check

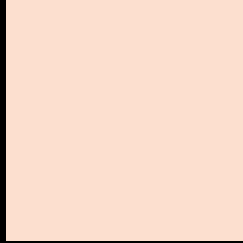
Large Text (above 18pt) WCAG AA × Fail

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 77.7950, 77.9758, 69.9821 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

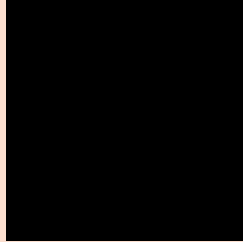
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.7950, 77.9758, 69.9821

Background



This preview shows how black text looks on a background with the XYZ color 77.7950, 77.9758, 69.9821.

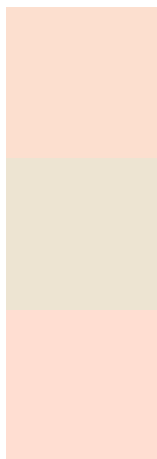


This preview shows how white text looks on a background with the XYZ color 77.7950, 77.9758,

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

77.7950, 77.9758, 69.9821

Protanopia

74.3013, 78.1445, 72.1401

Deuteranopia

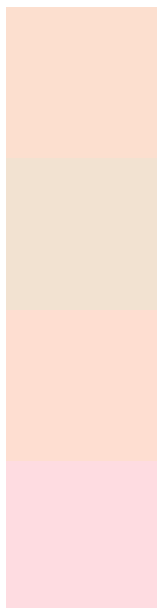
78.9941, 78.1557, 71.8949



Tritanopia

81.7118, 77.9792, 90.1017

Trichromacy



Original Color

77.7950, 77.9758, 69.9821

Protanomaly

75.3229, 77.8734, 71.3827

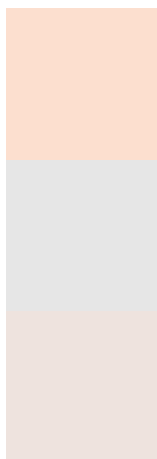
Deuteranomaly

78.5030, 77.9168, 71.2235

Tritanomaly

80.0569, 77.6935, 82.0111

Monochromacy



Original Color

77.7950, 77.9758, 69.9821

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.9138, 78.3892, 80.2368

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.7950, 77.9758, 69.9821 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(252, 223, 207) looks like.

```
.text, #text, p{  
    color:rgb(252, 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(252, 223, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 223, 207) }
```

Border

The CSS property to change the border of an element to XYZ 77.7950, 77.9758, 69.9821 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(252, 223, 207) }
```


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

```
.border{ border-color:rgb(252, 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(252, 223, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 223, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 223, 207);  
box-shadow:4px 4px 4px 4px rgb(252, 223,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 77.7950, 77.9758, 69.9821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 223, 207) }
```

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

```
.background{ background-color: rgb(252,  
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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