

Converting Colors

XYZ(76.0078, 74.4921, 69.1166)

Have a look what the booklet for
XYZ(76.0078, 74.4921, 69.1166)
contains.

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Color

**XYZ(75.9632, 74.3122,
69.3715)**

Conversions

Conversions Part 1

Format	Color
Hex	FCD8CF
RGB	252, 216, 207
RGB Percent	99%, 85%, 81%
CMY	0.0118, 0.1529, 0.1882
CMYK	0.00, 0.14, 0.18, 0.01
HSL	12°, 88%, 90%
HSV	12°, 18%, 99%
XYZ	75.9632, 74.3122, 69.3715
YIQ	225.7380, 24.3450, 4.8330

Conversions

Conversions Part 2

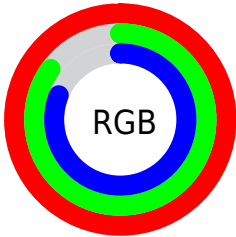
Format	Color
R _Y B	252, 218, 207
Decimal	16570575
CIE Lab	89.07, 11.12, 9.06
CIE LCh	89, 14.343, 39.168
Yxy	74.3122, 0.3458, 0.3383
Android (android.graphics.Color)	4294760655 (0xFFFC D8CF)
YUV	225.7380, -9.2378, 23.0318
Hunter-Lab	86.2045, 6.4358, 12.6306

Details

The XYZ color **75.9632, 74.3122, 69.3715** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.3527, 84.3927, 104.4138**, and the grayscale version is **72.1535, 75.9111, 82.6672**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.0003, 39.3917, 35.5794** is the 20% darker color. If you saturate the color by 10%, you get **68.2739, 63.4765, 52.8023**, and if you desaturate by 10%, it is **84.7818, 86.6184, 88.7447**.

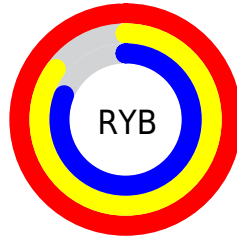
Distribution



Red (99%)

Green (85%)

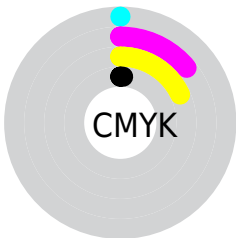
Blue (81%)



Red (99%)

Yellow (85%)

Blue (81%)

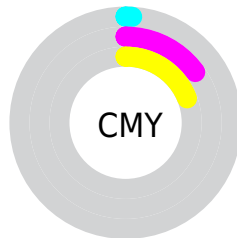


Cyan (0%)

Magenta (14%)

Yellow (18%)

Black (1%)



Cyan (1%)


Magenta (15%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.9632, 74.3122, 69.3715 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 75.9632, 74.3122, 69.3715 by changing the saturation by 10% instead.


 75.9632, 74.3122,
69.3715

 75.9632, 74.3122,
69.3715


470.1680,
475.5502, 477.0695

 56.6993, 55.0496,
50.5407


126.6555,
125.3383, 119.9847

 41.0030, 39.4414,
35.4690


158.8146,
157.8705, 152.6042

 28.5091, 27.1033,
23.7379


196.0029,
195.5948, 190.6570

 18.8522, 17.6508,
14.9289

238.5855,
238.8955, 234.5617

 11.6669, 10.6996,
8.6235

286.9280,
288.1570, 284.7367

 6.5879, 5.8652,
4.4030

341.3957,

 3.2498, 2.7633,

343.7637, 341.6007

1.8489

402.3539,
406.0999, 405.5721

■ 1.2872, 1.0094,
0.4599

■ 0.1736, 0.0000,
0.0000

■ 75.9632, 74.3122,
69.3715

■ 75.9632, 74.3122,
69.3715

■ 68.2739, 63.4765,
52.8023

■ 84.7818, 86.6184,
88.7447

■ 61.6618, 54.0461,
38.9022

■ 93.9551, 99.4355,
108.8488

■ 56.0795, 45.9661,
27.5323

■ 51.4737, 39.1737,
18.5390

■ 47.7861, 33.6012,
11.7519

■ 44.9519, 29.1748,
6.9780

■ 42.8968, 25.8116,
3.9902

■ 41.5289, 23.4158,
2.4860

■ 41.3040, 23.0134,
2.2651

Harmonies

Analogous

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



77.4659, 74.3122, 77.8897



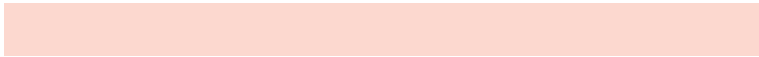
75.9632, 74.3122, 69.3715



73.0451, 74.3122, 64.2470

Triad

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



75.9632, 74.3122, 69.3715



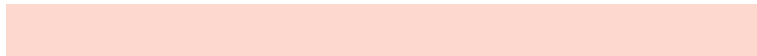
64.5432, 74.3122, 74.2690



71.7061, 74.3122, 101.4088

Complementary

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



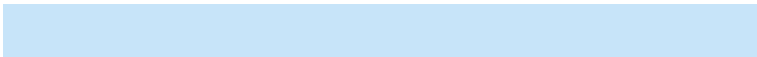
75.9632, 74.3122, 69.3715



75.3527, 84.3927, 104.4138

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.



68.2717, 74.3122, 100.2382



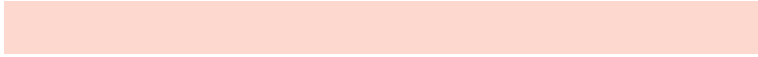
75.9632, 74.3122, 69.3715



64.2114, 74.3122, 84.0143

Square

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



75.9632, 74.3122, 69.3715



66.4772, 74.3122, 66.9086



65.5553, 74.3122, 93.6693



74.9554, 74.3122, 96.7474

Rectangle

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



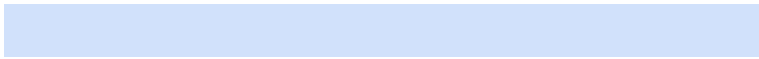
75.9632, 74.3122, 69.3715



70.7290, 74.3122, 63.1774



65.5553, 74.3122, 93.6693



70.5341, 74.3122, 101.6921

Sweetspot

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



75.9652, 74.3155, 69.3731



89.8969, 92.8705, 97.3891



78.6361, 71.7931, 94.5075



19.0919, 19.6704, 20.5121



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.



75.9652, 74.3155, 69.3731



75.4206, 72.6681, 65.5876



82.1283, 86.6418, 71.4274



17.5258, 17.7875, 17.9720



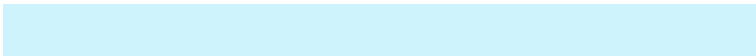
21.5974, 12.1514, 1.2072



2.0713, 1.2674, 0.1355

Inverse Universe

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



75.3527, 84.3927, 104.4138



74.6948, 84.5725, 106.9950



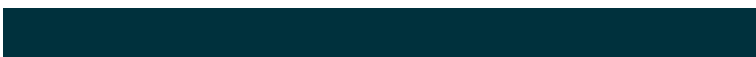
69.0283, 71.7439, 102.3057



17.4535, 18.9838, 22.1296



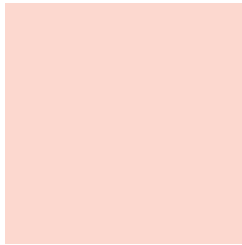
20.2097, 25.7749, 51.8835



1.9441, 2.5318, 4.8294

Previews

White Background



This preview shows how the XYZ color 75.9632, 74.3122, 69.3715 looks on a white background.

Color Contrast Check

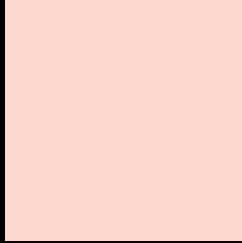
Large Text (above 18pt) WCAG AA × Fail

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 75.9632, 74.3122, 69.3715 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

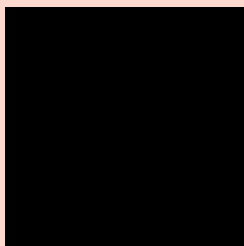
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

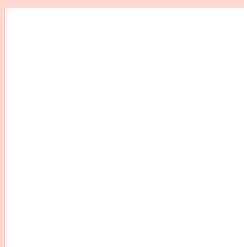
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.9632, 74.3122, 69.3715

Background



This preview shows how black text looks on a background with the XYZ color 75.9632, 74.3122, 69.3715.



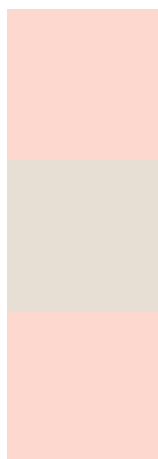
This preview shows how white text looks on a background with the XYZ color 75.9632, 74.3122,

69.3715.

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

75.9632, 74.3122, 69.3715

Protanopia

71.1005, 74.4674, 72.2543

Deuteranopia

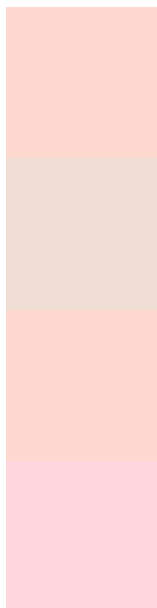
75.9632, 74.3122, 69.3715



Tritanopia

79.1771, 74.5056, 84.3367

Trichromacy



Original Color

75.9632, 74.3122, 69.3715

Protanomaly

72.8227, 74.1903, 71.4548

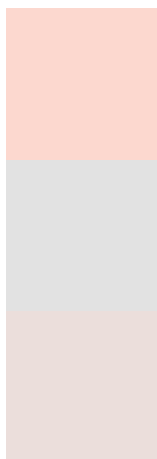
Deuteranomaly

75.9632, 74.3122, 69.3715

Tritanomaly

77.9708, 74.3844, 78.6547

Monochromacy



Original Color

75.9632, 74.3122, 69.3715

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

73.1684, 75.0192, 77.6416

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.9632, 74.3122, 69.3715 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, 216, 207)` looks like.

```
.text, #text, p{  
    color:rgb(252, 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(252, 216, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 216, 207) }
```

Border

The CSS property to change the border of an element to XYZ 75.9632, 74.3122, 69.3715 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, 216, 207) }
```


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

```
.border{ border-color:rgb(252, 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(252, 216, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 216, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 216, 207);  
box-shadow:4px 4px 4px 4px rgb(252, 216,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 75.9632, 74.3122, 69.3715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 216, 207) }
```

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

```
.background{ background-color: rgb(252,  
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](#).

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