

Converting Colors

XYZ(75.6373, 72.1226, 68.6780)

Have a look what the booklet for
XYZ(75.6373, 72.1226, 68.6780)
contains.

XYZ(75.7968, 72.3535, 69.0022)	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(75.7968, 72.3535,
69.0022)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD3CF
RGB	255, 211, 207
RGB Percent	100%, 83%, 81%
CMY	0.0000, 0.1725, 0.1882
CMYK	0.00, 0.17, 0.19, 0.00
HSL	5°, 100%, 91%
HSV	5°, 19%, 100%
XYZ	75.7968, 72.3535, 69.0022
YIQ	223.7000, 27.5080, 8.0840

Conversions

Conversions Part 2

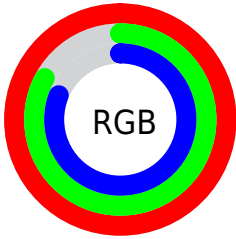
Format	Color
R _Y B	255, 211, 207
Decimal	16765903
CIE Lab	88.14, 14.80, 7.76
CIE LCh	88, 16.707, 27.673
Yxy	72.3535, 0.3490, 0.3332
Android (android.graphics.Color)	4294955983 (0xFFFFD3CF)
YUV	223.7000, -8.2331, 27.4501
Hunter-Lab	85.0609, 10.2029, 11.4460

Details

The XYZ color **75.7968, 72.3535, 69.0022** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.2783, 89.4772, 107.7529**, and the grayscale version is **70.6820, 74.3630, 80.9813**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.9269, 38.0826, 35.3306** is the 20% darker color. If you saturate the color by 10%, you get **67.5371, 60.4269, 52.0903**, and if you desaturate by 10%, it is **85.4076, 86.1762, 88.8502**.

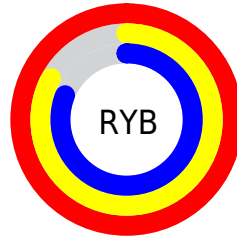
Distribution



Red (100%)

Green (83%)

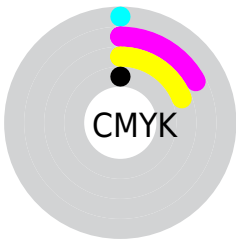
Blue (81%)



Red (100%)

Yellow (83%)

Blue (81%)

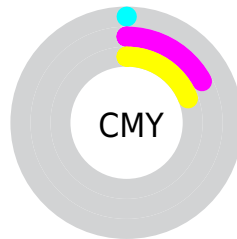


Cyan (0%)

Magenta (17%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (17%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.7968, 72.3535, 69.0022 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 75.7968, 72.3535, 69.0022 by changing the saturation by 10% instead.


 75.7968, 72.3535,
69.0022

 75.7968, 72.3535,
69.0022


469.6069,
468.7711, 475.7329

 56.5624, 53.4475,
50.2417


126.4215,
122.5590, 119.4524

 40.8928, 38.1601,
35.2330


158.5425,
154.6272, 151.9793

 28.4226, 26.1070,
23.5574


195.6898,
191.8517, 189.9321

 18.7865, 16.9037,
14.7965

238.2286,
234.6168, 233.7292

 11.6192, 10.1659,
8.5316

286.5244,
283.3069, 283.7893

 6.5553, 5.5091,
4.3444

340.9424,

 3.2294, 2.5489,

338.3064, 340.5310

1.8161

401.8482,
399.9996, 404.3726

■ 1.2762, 0.9011,
0.4385

■ 0.1653, 0.0000,
0.0000

■ 75.7968, 72.3535,
69.0022

■ 75.7968, 72.3535,
69.0022

■ 67.5371, 60.4269,
52.0903

■ 85.4076, 86.1762,
88.8502

■ 60.5631, 50.3048,
37.9709

95.0500, 100.0000,
108.9000

■ 54.8115, 41.9021,
26.4951

■ 50.2114, 35.1231,
17.4980

■ 46.6851, 29.8628,
10.7967

■ 44.1446, 26.0037,
6.1828

■ 42.4882, 23.4113,
3.4098

■ 41.5836, 21.9209,
2.1257

■ 41.5132, 21.8065,
2.0211

Harmonies

Analogous

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



76.7311, 72.3535, 79.6768



75.7968, 72.3535, 69.0022



72.9583, 72.3535, 61.6205

Triad

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



75.7968, 72.3535, 69.0022



62.4831, 72.3535, 67.5964



68.4586, 72.3535, 102.8601

Complementary

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



75.7968, 72.3535, 69.0022



78.2783, 89.4772, 107.7529

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.



64.7449, 72.3535, 98.8631



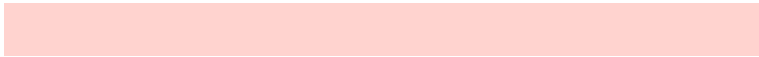
75.7968, 72.3535, 69.0022



61.3792, 72.3535, 77.8913

Square

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



75.7968, 72.3535, 69.0022



65.2649, 72.3535, 60.8658



62.1912, 72.3535, 89.4419



72.3981, 72.3535, 99.9053

Rectangle

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



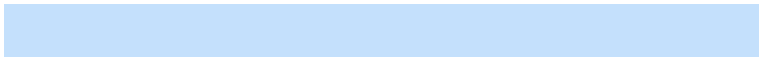
75.7968, 72.3535, 69.0022



70.4222, 72.3535, 59.1901



62.1912, 72.3535, 89.4419



67.1435, 72.3535, 102.2772

Sweetspot

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



75.7984, 72.3566, 69.0037



88.3720, 90.4301, 95.0017



80.9658, 72.8514, 101.0613



18.7663, 19.1421, 20.0249



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.



75.7984, 72.3566, 69.0037



72.1871, 67.1482, 61.5899



82.2112, 85.1821, 71.1413



18.1311, 18.2305, 18.7075



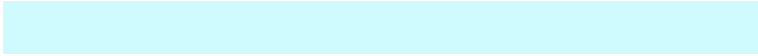
21.7334, 11.4781, 1.0700



2.1559, 1.1971, 0.1174

Inverse Universe

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



78.2783, 89.4772, 107.7529



75.1249, 87.4404, 107.5259



71.2519, 75.4243, 105.4107



18.4176, 20.2068, 23.1795



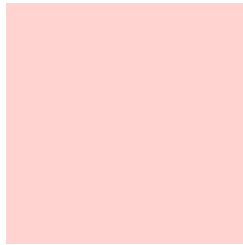
24.8188, 34.5472, 54.7948



2.4532, 3.4371, 5.3474

Previews

White Background



This preview shows how the XYZ color 75.7968, 72.3535, 69.0022 looks on a white background.

Color Contrast Check

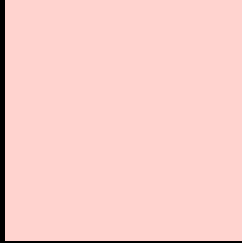
Large Text (above 18pt) WCAG AA × Fail

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 75.7968, 72.3535, 69.0022 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

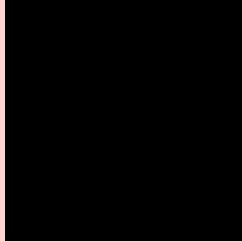
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.7968, 72.3535, 69.0022

Background



This preview shows how black text looks on a background with the XYZ color 75.7968, 72.3535, 69.0022.

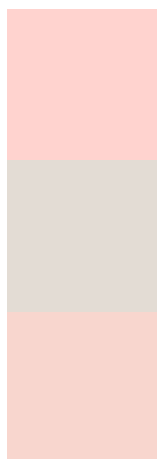


This preview shows how white text looks on a background with the XYZ color 75.7968, 72.3535,

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

75.7968, 72.3535, 69.0022

Protanopia

69.1554, 72.2708, 72.5921

Deuteranopia

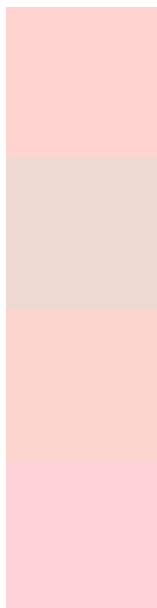
73.8985, 72.5058, 68.4927



Tritanopia

77.4950, 72.2427, 80.3808

Trichromacy



Original Color

75.7968, 72.3535, 69.0022

Protanomaly

71.3708, 72.2834, 71.1632

Deuteranomaly

74.7185, 72.5540, 68.4587

Tritanomaly

76.9415, 72.4151, 76.2519

Monochromacy



Original Color

75.7968, 72.3535, 69.0022

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

72.2474, 73.3872, 76.6870

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.7968, 72.3535, 69.0022 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, 211, 207)` looks like.

```
.text, #text, p{  
    color:rgb(255, 211, 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, 211, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 211, 207) }
```

Border

The CSS property to change the border of an element to XYZ 75.7968, 72.3535, 69.0022 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, 211, 207) }
```


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

```
.border{ border-color:rgb(255, 211, 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, 211, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 211, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 211, 207);  
box-shadow:4px 4px 4px 4px rgb(255, 211,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 75.7968, 72.3535, 69.0022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 211, 207) }
```

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

```
.background{ background-color: rgb(255,  
211, 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