

Converting Colors

XYZ(76.1840, 73.2160, 68.8602)

Have a look what the booklet for
XYZ(76.1840, 73.2160, 68.8602)
contains.

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Color

**XYZ(76.2967, 73.3535,
69.1689)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD5CF
RGB	255, 213, 207
RGB Percent	100%, 84%, 81%
CMY	0.0000, 0.1647, 0.1882
CMYK	0.00, 0.16, 0.19, 0.00
HSL	8°, 100%, 91%
HSV	8°, 19%, 100%
XYZ	76.2967, 73.3535, 69.1689
YIQ	224.8740, 26.9580, 7.0380

Conversions

Conversions Part 2

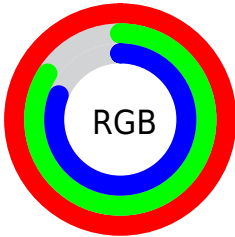
Format	Color
R _Y B	255, 214, 207
Decimal	16766415
CIE Lab	88.62, 13.75, 8.44
CIE LCh	89, 16.140, 31.548
Yxy	73.3535, 0.3487, 0.3352
Android (android.graphics.Color)	4294956495 (0xFFFFD5CF)
YUV	224.8740, -8.8119, 26.4205
Hunter-Lab	85.6467, 9.1317, 12.0696

Details

The XYZ color **76.2967, 73.3535, 69.1689** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.6568, 88.2341, 107.5457**, and the grayscale version is **71.5268, 75.2518, 81.9492**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.2653, 38.7594, 35.4434** is the 20% darker color. If you saturate the color by 10%, you get **68.1967, 61.7461, 52.3102**, and if you desaturate by 10%, it is **85.6758, 86.7126, 88.9397**.

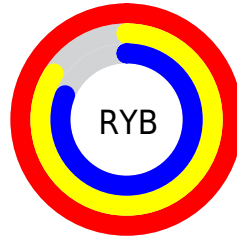
Distribution



Red (100%)

Green (84%)

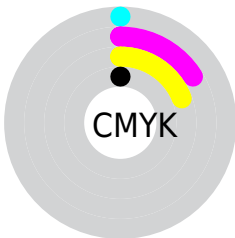
Blue (81%)



Red (100%)

Yellow (84%)

Blue (81%)

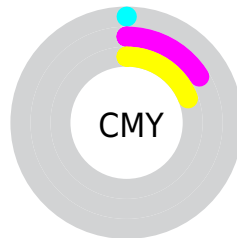


Cyan (0%)

Magenta (16%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.2967, 73.3535, 69.1689 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 76.2967, 73.3535, 69.1689 by changing the saturation by 10% instead.


 76.2967, 73.3535,
69.1689

 76.2967, 73.3535,
69.1689


471.2915,
472.2391, 476.3365

 56.9737, 54.2651,
50.3767


127.1243,
123.9789, 119.6928

 41.2242, 38.8136,
35.3395


159.3597,
156.2847, 152.2615

 28.6828, 26.6148,
23.6389


196.6300,
193.7650, 190.2594

 18.9840, 17.2841,
14.8562

239.3005,
236.8043, 234.1051

 11.7627, 10.4373,
8.5730

287.7365,
285.7870, 284.2171

 6.6533, 5.6898,
4.3708

342.3034,

 3.2907, 2.6574,

341.0974, 341.0140

1.8309

403.3667,
403.1200, 404.9143

■ 1.3093, 0.9556,
0.4482

■ 0.1901, 0.0000,
0.0000

■ 76.2967, 73.3535,
69.1689

■ 76.2967, 73.3535,
69.1689

■ 68.1967, 61.7461,
52.3102

■ 85.6758, 86.7126,
88.9397

■ 61.3150, 51.8085,
38.2216

95.0500, 100.0000,
108.9000

■ 55.5937, 43.4666,
26.7558

■ 50.9683, 36.6368,
17.7503

■ 47.3678, 31.2281,
11.0243

■ 44.7125, 27.1395,
6.3721

■ 42.9107, 24.2564,
3.5507

■ 41.8436, 22.4410,
2.2123

■ 41.7538, 22.2877,
2.1013

Harmonies

Analogous

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



77.4748, 73.3535, 79.2919



76.2967, 73.3535, 69.1689



73.3481, 73.3535, 62.4632

Triad

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



76.2967, 73.3535, 69.1689



63.3433, 73.3535, 70.0841



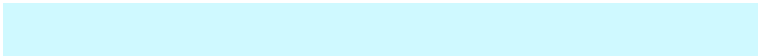
69.9227, 73.3535, 103.2759

Complementary

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



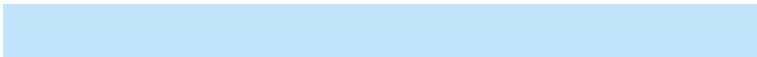
76.2967, 73.3535, 69.1689



77.6568, 88.2341, 107.5457

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.



66.2141, 73.3535, 100.2417



76.2967, 73.3535, 69.1689



62.5013, 73.3535, 80.4499

Square

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



76.2967, 73.3535, 69.1689



65.8763, 73.3535, 62.9560



63.5331, 73.3535, 91.6204



73.7110, 73.3535, 99.5695

Rectangle

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



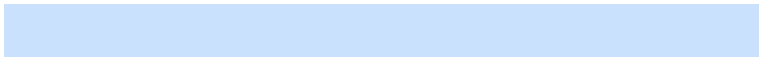
76.2967, 73.3535, 69.1689



70.8265, 73.3535, 60.4839



63.5331, 73.3535, 91.6204



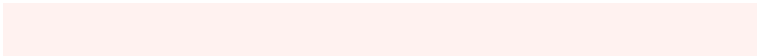
68.6257, 73.3535, 103.0090

Sweetspot

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



76.2985, 73.3567, 69.1704



88.5610, 90.8082, 95.0647



80.7146, 72.7510, 99.7384



18.8108, 19.2311, 20.0398



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

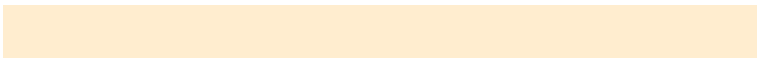
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.2985, 73.3567, 69.1704



72.7623, 68.2986, 61.7816



82.6714, 86.1024, 71.2947



18.1924, 18.3531, 18.7280



21.8739, 11.7590, 1.1168



2.1847, 1.2548, 0.1270

Inverse Universe

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



77.6568, 88.2341, 107.5457



74.3699, 85.9304, 107.2743



70.8163, 74.5531, 105.2655



18.3495, 20.0707, 23.1569



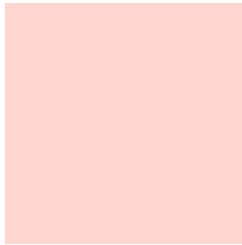
23.3098, 31.5291, 54.2918



2.3216, 3.1739, 5.3035

Previews

White Background



This preview shows how the XYZ color 76.2967, 73.3535, 69.1689 looks on a white background.

Color Contrast Check

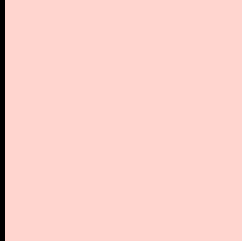
Large Text (above 18pt) WCAG AA × Fail

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 76.2967, 73.3535, 69.1689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

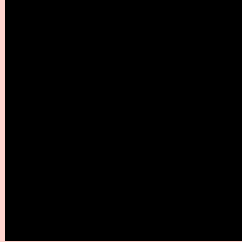
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.2967, 73.3535, 69.1689

Background



This preview shows how black text looks on a background with the XYZ color 76.2967, 73.3535, 69.1689.



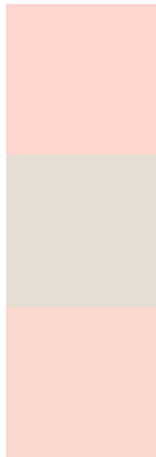
This preview shows how white text looks on a background with the XYZ color 76.2967, 73.3535,

69.1689.

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

76.2967, 73.3535, 69.1689

Protanopia

70.3180, 73.6540, 72.7978

Deuteranopia

74.9873, 73.4299, 69.2526



Tritanopia

78.2617, 73.3395, 81.9826

Trichromacy



Original Color

76.2967, 73.3535, 69.1689

Protanomaly

72.2243, 73.4933, 71.3518

Deuteranomaly

75.4539, 73.2936, 69.2017

Tritanomaly

77.5697, 73.4614, 77.1089

Monochromacy



Original Color

76.2967, 73.3535, 69.1689

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

73.1034, 74.6077, 76.8774

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.2967, 73.3535, 69.1689 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, 213, 207)` looks like.

```
.text, #text, p{  
    color:rgb(255, 213, 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, 213, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 213, 207) }
```

Border

The CSS property to change the border of an element to XYZ 76.2967, 73.3535, 69.1689 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, 213, 207) }
```


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

```
.border{ border-color:rgb(255, 213, 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, 213, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 213, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 213, 207);  
box-shadow:4px 4px 4px 4px rgb(255, 213,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 76.2967, 73.3535, 69.1689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 213, 207) }
```

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

```
.background{ background-color: rgb(255,  
213, 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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