

Converting Colors

XYZ(76.5527, 69.3700, 67.8620)

Have a look what the booklet for
XYZ(76.5527, 69.3700, 67.8620)
contains.

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Color

**XYZ(73.5011, 67.9573,
67.6357)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCACE
RGB	255, 202, 206
RGB Percent	100%, 79%, 81%
CMY	0.0000, 0.2078, 0.1922
CMYK	0.00, 0.21, 0.19, 0.00
HSL	355°, 100%, 90%
HSV	355°, 21%, 100%
XYZ	73.5011, 67.9573, 67.6357
YIQ	218.3030, 30.3040, 12.4800

Conversions

Conversions Part 2

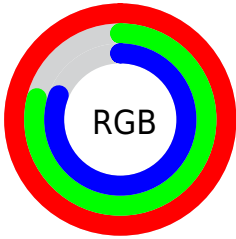
Format	Color
R_{YB}	255, 202, 206
Decimal	16763598
CIE _{Lab}	85.99, 19.35, 5.19
CIE _{LCh}	86, 20.032, 15.010
Yxy	67.9573, 0.3515, 0.3250
Android (android.graphics.Color)	4294953678 (0xFFFFCACE)
YUV	218.3030, -6.0654, 32.1833
Hunter-Lab	82.4362, 14.8893, 9.0602

Details

The XYZ color **73.5011, 67.9573, 67.6357** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.5321, 91.0428, 104.7573**, and the grayscale version is **66.8770, 70.3598, 76.6218**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.5461, 35.4526, 34.4645** is the 20% darker color. If you saturate the color by 10%, you get **65.3522, 55.9045, 51.8323**, and if you desaturate by 10%, it is **83.0716, 82.1651, 86.0344**.

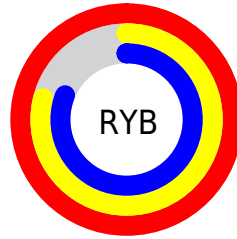
Distribution



Red (100%)

Green (79%)

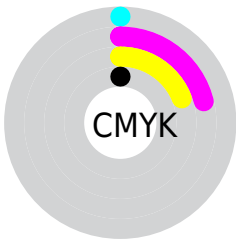
Blue (81%)



Red (100%)

Yellow (79%)

Blue (81%)

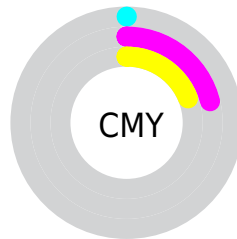


Cyan (0%)

Magenta (21%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (21%)


Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.5011, 67.9573, 67.6357 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 73.5011, 67.9573, 67.6357 by changing the saturation by 10% instead.


 73.5011, 67.9573,
67.6357

 73.5011, 67.9573,
67.6357


461.8267,
453.3447, 470.7672

 54.6756, 49.8630,
49.1366


123.1876,
116.2911, 117.4801

 39.3749, 35.3046,
34.3615


154.7794,
147.2993, 149.6625

 27.2335, 23.8976,
22.8918


191.3573,
183.3810, 187.2430

 17.8862, 15.2577,
14.3091

233.2868,
224.9205, 230.6403

 10.9675, 9.0004,
8.1948

280.9331,
272.3022, 280.2728

 6.1121, 4.7415,
4.1303

334.6616,

 2.9547, 2.0964,

325.9106, 336.5591

1.6971

394.8376,
386.1299, 399.9177

■ 1.1298, 0.6626,
0.3587

■ 0.0499, 0.0000,
0.0000

■ 73.5011, 67.9573,
67.6357

■ 73.5011, 67.9573,
67.6357

■ 65.3522, 55.9045,
51.8323

■ 83.0716, 82.1651,
86.0344

■ 58.5523, 45.8931,
38.5033

■ 94.1218, 98.6163,
107.1334

■ 53.0300, 37.8126,
27.5246

■ 95.0500, 100.0000,
108.9000

■ 48.7052, 31.5385,
18.7598

■ 45.4889, 26.9319,
12.0581

■ 43.2793, 23.8334,
7.2501

■ 41.9561, 22.0529,
4.1394

■ 41.3595, 21.3078,
2.5591

Harmonies

Analogous

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



73.5020, 67.9573, 80.7294



73.5011, 67.9573, 67.6357



71.0374, 67.9573, 57.5112

Triad

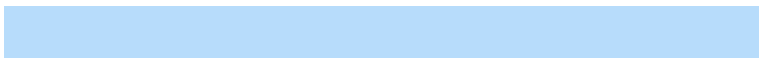
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.5011, 67.9573, 67.6357



58.5455, 67.9573, 57.5166



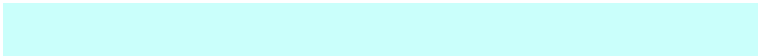
62.3343, 67.9573, 101.2091

Complementary

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



73.5011, 67.9573, 67.6357



77.5321, 91.0428, 104.7573

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.



58.5476, 67.9573, 93.3587



73.5011, 67.9573, 67.6357



56.4317, 67.9573, 67.6439

Square

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



73.5011, 67.9573, 67.6357



62.3313, 67.9573, 52.1572



56.4324, 67.9573, 80.7387



66.9054, 67.9573, 101.2062

Rectangle

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



73.5011, 67.9573, 67.6357



68.3940, 67.9573, 53.3579



56.4324, 67.9573, 80.7387



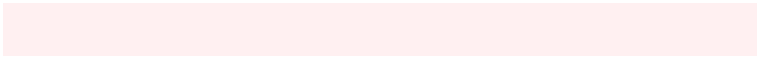
60.9324, 67.9573, 99.3636

Sweetspot

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



73.5027, 67.9603, 67.6371



88.1671, 89.7458, 95.7802



78.8059, 69.8960, 103.9455



18.7181, 18.9811, 20.2081



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

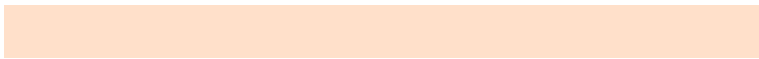
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.5027, 67.9603, 67.6371



69.8956, 62.6188, 60.6608



78.5804, 78.8826, 66.9652



18.0649, 18.0093, 18.9591



21.6309, 11.1417, 1.4410



2.1245, 1.0922, 0.2369

Inverse Universe

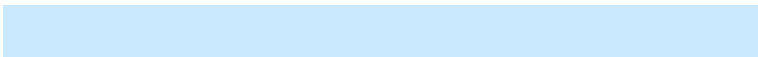
The Inverse Universe completely reimagines the original color for something new.



73.5027, 67.9603, 67.6371



69.8956, 62.6188, 60.6608



71.5249, 78.0095, 105.8953



18.0649, 18.0093, 18.9591



21.6309, 11.1417, 1.4410



2.1245, 1.0922, 0.2369

Previews

White Background



This preview shows how the XYZ color 73.5011, 67.9573, 67.6357 looks on a white background.

Color Contrast Check

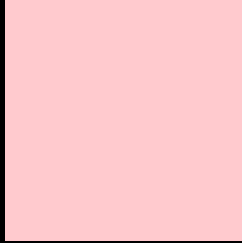
Large Text (above 18pt) WCAG AA × Fail

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 73.5011, 67.9573, 67.6357 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

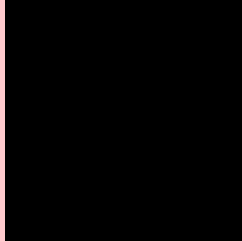
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.5011, 67.9573, 67.6357

Background



This preview shows how black text looks on a background with the XYZ color 73.5011, 67.9573, 67.6357.



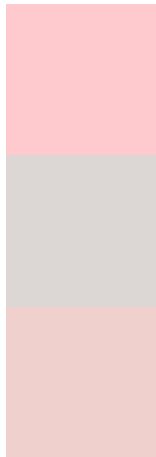
This preview shows how white text looks on a background with the XYZ color 73.5011, 67.9573,

67.6357.

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

73.5011, 67.9573, 67.6357

Protanopia

65.5720, 68.1129, 72.6419

Deuteranopia

69.5105, 68.0448, 67.2280



Tritanopia

74.5213, 67.9912, 74.1617

Trichromacy



Original Color

73.5011, 67.9573, 67.6357

Protanomaly

68.2837, 68.0700, 70.5126

Deuteranomaly

70.7469, 67.9629, 67.1470

Tritanomaly

74.0103, 67.7868, 71.4707

Monochromacy



Original Color

73.5011, 67.9573, 67.6357

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

68.6361, 68.9309, 73.3058

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.5011, 67.9573, 67.6357 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, 202, 206)` looks like.

```
.text, #text, p{  
    color:rgb(255, 202, 206)  
}
```

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, 202, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 202, 206) }
```

Border

The CSS property to change the border of an element to XYZ 73.5011, 67.9573, 67.6357 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, 202, 206) }
```


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

```
.border{ border-color:rgb(255, 202, 206) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(255, 202, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 202, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 202, 206);  
box-shadow:4px 4px 4px 4px rgb(255, 202,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 73.5011, 67.9573, 67.6357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 202, 206) }
```

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

```
.background{ background-color: rgb(255,  
202, 206) }
```

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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