

Converting Colors

XYZ(75.8915, 71.2362, 73.0625)

Have a look what the booklet for
XYZ(75.8915, 71.2362, 73.0625)
contains.

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Color

**XYZ(75.9335, 71.2268,
73.3643)**

Conversions

Conversions Part 1	
Format	Color
Hex	FFD0D6
RGB	255, 208, 214
RGB Percent	100%, 82%, 84%
CMY	0.0000, 0.1843, 0.1608
CMYK	0.00, 0.18, 0.16, 0.00
HSL	352°, 100%, 91%
HSV	352°, 18%, 100%
XYZ	75.9335, 71.2268, 73.3643
YIQ	222.7370, 26.0860, 11.8300

Conversions

Conversions Part 2

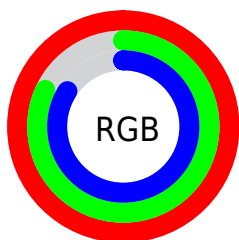
Format	Color
RYB	255, 208, 214
Decimal	16765142
CIELab	87.60, 17.42, 3.28
CIELCh	88, 17.722, 10.653
Yxy	71.2268, 0.3443, 0.3230
Android (android.graphics.Color)	4294955222 (0xFFFFD0D6)
YUV	222.7370, -4.3073, 28.2947
Hunter-Lab	84.3960, 12.9087, 7.5372

Details

The XYZ color **75.9335, 71.2268, 73.3643** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.8738, 91.7706, 103.1828**, and the grayscale version is **69.9707, 73.6147, 80.1664**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.9379, 37.2914, 37.8412** is the 20% darker color. If you saturate the color by 10%, you get **67.5590, 58.7185, 57.4998**, and if you desaturate by 10%, it is **85.6988, 85.8954, 91.6087**.

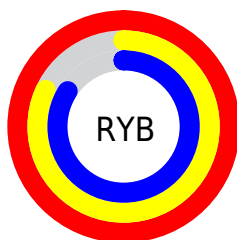
Distribution



Red (100%)

Green (82%)

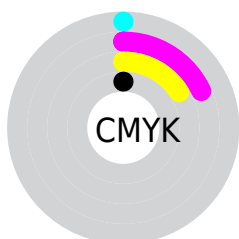
Blue (84%)



Red (100%)

Yellow (82%)

Blue (84%)

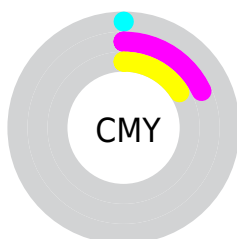


Cyan (0%)

Magenta (18%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.9335, 71.2268, 73.3643 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 75.9335, 71.2268, 73.3643 by changing the saturation by 10% instead.


 75.9335, 71.2268,
73.3643

 75.9335, 71.2268,
73.3643


470.0679,
464.8459, 491.3810

 56.6748, 52.5273,
53.7803


126.6138,
120.9566, 125.7200

 40.9834, 37.4256,
38.0340


158.7661,
152.7557, 159.3286

 28.4937, 25.5371,
25.7071


195.9470,
189.6901, 198.4493

 18.8405, 16.4777,
16.3808

238.5218,
232.1443, 243.5005

 11.6584, 9.8628,
9.6368

286.8560,
280.5025, 294.9007

 6.5821, 5.3081,
5.0564


341.3148,


 3.2461, 2.4291,


335.1493, 353.0685

2.2210


402.2637,
396.4689, 418.4224


 1.2852, 0.8408,
0.6865


 0.1721, 0.0000,
0.0000

 75.9335, 71.2268,
73.3643


 75.9335, 71.2268,
73.3643


 67.5590, 58.7185,
57.4998

 85.6988, 85.8954,
91.6087

 60.5072, 48.2597,
43.9125

95.0500, 100.0000,
108.9000

 54.7114, 39.7437,
32.4989

 50.0972, 33.0504,
23.1457

■ 46.5824, 28.0463,
15.7291

■ 44.0738, 24.5799,
10.1121

■ 42.4626, 22.4720,
6.1391

■ 41.6023, 21.4745,
3.6235

■ 41.5080, 21.3672,
3.3413

Harmonies

Analogous

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



75.5926, 71.2268, 85.4558



75.9335, 71.2268, 73.3643



74.0002, 71.2268, 63.4660

Triad

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



75.9335, 71.2268, 73.3643



62.5823, 71.2268, 61.3255



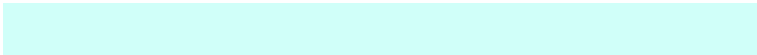
65.0635, 71.2268, 101.4376

Complementary

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



75.9335, 71.2268, 73.3643



78.8738, 91.7706, 103.1828

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.



61.7660, 71.2268, 93.5860



75.9335, 71.2268, 73.3643



60.3749, 71.2268, 70.1548

Square

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



75.9335, 71.2268, 73.3643



66.2198, 71.2268, 57.0074



60.0823, 71.2268, 81.9000



69.1999, 71.2268, 102.5248

Rectangle

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



75.9335, 71.2268, 73.3643



71.7267, 71.2268, 59.1219



60.0823, 71.2268, 81.9000



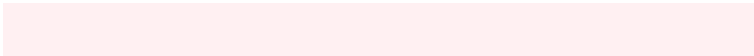
63.8248, 71.2268, 99.4664

Sweetspot

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



75.9351, 71.2298, 73.3658



88.2866, 89.7936, 96.4092



79.5796, 72.4256, 104.3930



18.7462, 18.9923, 20.3562



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

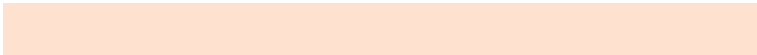
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.9351, 71.2298, 73.3658



72.7879, 66.5198, 67.4321



79.6153, 79.7931, 70.8839



18.1037, 18.0248, 19.1630



21.7178, 11.1764, 1.8987



2.1427, 1.0994, 0.3328

Inverse Universe

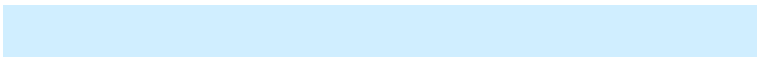
The Inverse Universe completely reimagines the original color for something new.



75.9351, 71.2298, 73.3658



72.7879, 66.5198, 67.4321



74.5714, 81.6454, 106.4365



18.1037, 18.0248, 19.1630



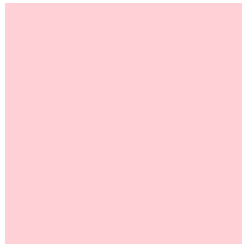
21.7178, 11.1764, 1.8987



2.1427, 1.0994, 0.3328

Previews

White Background



This preview shows how the XYZ color 75.9335, 71.2268, 73.3643 looks on a white background.

Color Contrast Check

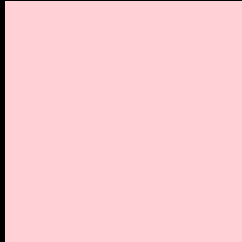
Large Text (above 18pt) WCAG AA × Fail

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 75.9335, 71.2268, 73.3643 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 75.9335, 71.2268, 73.3643

Background



This preview shows how black text looks on a background with the XYZ color 75.9335, 71.2268, 73.3643.



This preview shows how white text looks on a background with the XYZ color 75.9335, 71.2268,

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

75.9335, 71.2268, 73.3643

Protanopia

68.6812, 71.5183, 77.8947

Deuteranopia

72.7666, 71.4473, 72.9063



Tritanopia

76.8721, 71.2134, 79.5060

Trichromacy



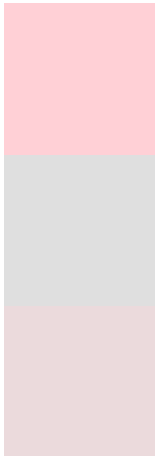
Original Color
75.9335, 71.2268, 73.3643

Protanomaly
71.2163, 71.3250, 76.3433

Deuteranomaly
73.6623, 71.1668, 72.8049

Tritanomaly
76.4711, 71.0530, 77.3943

Monochromacy



Original Color
75.9335, 71.2268, 73.3643

Achromatopsia
70.1384, 73.7910, 80.3584

Achromatomaly
72.2506, 72.9723, 77.9872

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.9335, 71.2268, 73.3643 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, 208, 214) looks like.

```
.text, #text, p{  
    color:rgb(255, 208, 214)  
}
```

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, 208, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 208, 214) }
```

Border

The CSS property to change the border of an element to XYZ 75.9335, 71.2268, 73.3643 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, 208, 214) }
```


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

```
.border{ border-color:rgb(255, 208, 214) }
```

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

Here you see how a box with a 4 pixel rgb(255, 208, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 208, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 208, 214);  
box-shadow:4px 4px 4px 4px rgb(255, 208,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 75.9335, 71.2268, 73.3643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 208, 214) }
```

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

```
.background{ background-color: rgb(255,  
208, 214) }
```

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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