

Converting Colors

XYZ(73.3610, 63.9044, 74.2143)

Have a look what the booklet for
XYZ(73.3610, 63.9044, 74.2143)
contains.

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Color

**XYZ(72.3952, 63.5314,
74.0928)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBFD9
RGB	255, 191, 217
RGB Percent	100%, 75%, 85%
CMY	0.0000, 0.2510, 0.1490
CMYK	0.00, 0.25, 0.15, 0.00
HSL	336°, 100%, 87%
HSV	336°, 25%, 100%
XYZ	72.3952, 63.5314, 74.0928
YIQ	213.1000, 29.7980, 21.6540

Conversions

Conversions Part 2

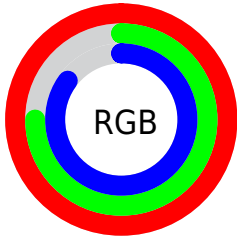
Format	Color
R_{YB}	255, 191, 217
Decimal	16760793
CIE _{Lab}	83.72, 26.79, -3.98
CIE _{LCh}	84, 27.087, 351.548
Yxy	63.5314, 0.3447, 0.3025
Android (android.graphics.Color)	4294950873 (0xFFFFBFD9)
YUV	213.1000, 1.9227, 36.7463
Hunter-Lab	79.7066, 22.6399, 0.6804

Details

The XYZ color **72.3952, 63.5314, 74.0928** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.3910, 88.2546, 87.4045**, and the grayscale version is **63.2877, 66.5836, 72.5096**.

A 20% lighter version of the original color is **92.8574, 95.6148, 108.1691**, and **38.4932, 32.3703, 38.4017** is the 20% darker color. If you saturate the color by 10%, you get **65.4307, 52.6109, 62.4964**, and if you desaturate by 10%, it is **80.5116, 76.4658, 86.9663**.

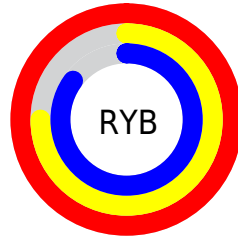
Distribution



Red (100%)

Green (75%)

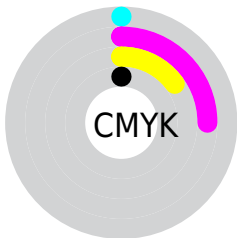
Blue (85%)



Red (100%)

Yellow (75%)

Blue (85%)

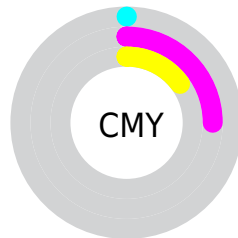


Cyan (0%)

Magenta (25%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (25%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.3952, 63.5314, 74.0928 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 72.3952, 63.5314, 74.0928 by changing the saturation by 10% instead.


 72.3952, 63.5314,
74.0928

 72.3952, 63.5314,
74.0928


458.0523,
437.4955, 493.9656

 53.7682, 46.2712,
54.3727


 121.6260,
109.9358, 126.7626

 38.6463, 32.4599,
38.5045

152.9605,
139.8488, 160.5494

 26.6642, 21.7130,
26.0696

189.2615,
174.7483, 199.8623

 17.4564, 13.6462,
16.6495

230.8945,
215.0185, 245.1197

 10.6578, 7.8750,
9.8256

278.2247,
261.0440, 296.7402

 5.9028, 4.0151,
5.1794


331.6175,

 2.8262, 1.6820,

313.2090, 355.1423


2.2923


391.4382,
371.8981, 420.7446


 1.0625, 0.4120,
0.7269


 0.0000, 0.0000,
0.0000


 72.3952, 63.5314,
74.0928


 72.3952, 63.5314,
74.0928

 65.4307, 52.6109,
62.4964


 80.5116, 76.4658,
86.9663

 59.5585, 43.5938,
52.1310

 89.8264, 91.5009,
101.1531

 54.7203, 36.3715,
42.9531

95.0500, 100.0000,
108.9000

 50.8506, 30.8209,
34.9148

■ 47.8753, 26.8032,
27.9641

■ 45.7090, 24.1569,
22.0437

■ 44.2475, 22.6833,
17.0881

■ 43.7176, 22.2510,
14.9769

Harmonies

Analogous

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



69.7733, 63.5314, 91.5635



72.3952, 63.5314, 74.0928



71.6374, 63.5314, 57.8485

Triad

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



72.3952, 63.5314, 74.0928



56.2882, 63.5314, 43.0036



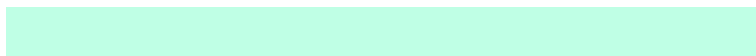
53.5600, 63.5314, 98.0677

Complementary

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



72.3952, 63.5314, 74.0928



71.3910, 88.2546, 87.4045

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.



50.3767, 63.5314, 81.8909



72.3952, 63.5314, 74.0928



51.8785, 63.5314, 50.7701

Square

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



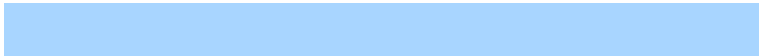
72.3952, 63.5314, 74.0928



62.0783, 63.5314, 41.6132



49.7819, 63.5314, 64.4796



58.7222, 63.5314, 106.8158

Rectangle

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



72.3952, 63.5314, 74.0928



69.3378, 63.5314, 49.6774



49.7819, 63.5314, 64.4796



52.2375, 63.5314, 93.2040

Sweetspot

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



72.3967, 63.5341, 74.0941



86.9945, 86.9121, 96.8950



68.7837, 61.0333, 102.7630



18.3152, 18.1094, 20.2769



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.



72.3967, 63.5341, 74.0941



68.8401, 57.9321, 68.2494



70.4611, 64.6548, 58.0597



18.3152, 18.1094, 20.2769



22.9128, 11.6544, 8.1911



2.2834, 1.1557, 1.0739

Inverse Universe

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



72.3967, 63.5341, 74.0941



68.8401, 57.9321, 68.2494



73.6197, 86.4617, 107.4164



18.3152, 18.1094, 20.2769



22.9128, 11.6544, 8.1911



2.2834, 1.1557, 1.0739

Previews

White Background



This preview shows how the XYZ color 72.3952, 63.5314, 74.0928 looks on a white background.

Color Contrast Check

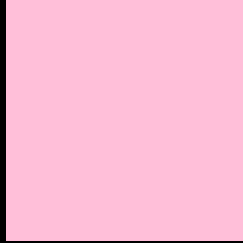
Large Text (above 18pt) WCAG AA × Fail

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 72.3952, 63.5314, 74.0928 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 72.3952, 63.5314, 74.0928

Background



This preview shows how black text looks on a background with the XYZ color 72.3952, 63.5314, 74.0928.



This preview shows how white text looks on a background with the XYZ color 72.3952, 63.5314,

74.0928.

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

72.3952, 63.5314, 74.0928

Protanopia

62.4334, 64.0677, 81.7488

Deuteranopia

65.3002, 63.9491, 73.1917



Tritanopia

71.2055, 63.7158, 67.5769

Trichromacy



Original Color

72.3952, 63.5314, 74.0928

Protanomaly

65.4911, 63.5763, 78.6317

Deuteranomaly

67.7431, 63.8092, 73.7117

Tritanomaly

71.4806, 63.4733, 70.1121

Monochromacy



Original Color

72.3952, 63.5314, 74.0928

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

65.9638, 65.0117, 72.6902

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.3952, 63.5314, 74.0928 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, 191, 217)` looks like.

```
.text, #text, p{  
    color:rgb(255, 191, 217)  
}
```

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, 191, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 191, 217) }
```

Border

The CSS property to change the border of an element to XYZ 72.3952, 63.5314, 74.0928 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, 191, 217) }
```


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

```
.border{ border-color:rgb(255, 191, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 191, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 191, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 191, 217);  
box-shadow:4px 4px 4px 4px rgb(255, 191,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 72.3952, 63.5314, 74.0928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 191, 217) }
```

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

```
.background{ background-color: rgb(255,  
191, 217) }
```

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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