

Converting Colors

XYZ(72.6395, 64.2960, 73.3236)

Have a look what the booklet for
XYZ(72.6395, 64.2960, 73.3236)
contains.

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Color

**XYZ(72.7046, 64.3578,
73.5561)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFC1D8 |
| RGB | 255, 193, 216 |
| RGB Percent | 100%, 76%, 85% |
| CMY | 0.0000, 0.2431, 0.1529 |
| CMYK | 0.00, 0.24, 0.15, 0.00 |
| HSL | 338°, 100%, 88% |
| HSV | 338°, 24%, 100% |
| XYZ | 72.7046, 64.3578, 73.5561 |
| YIQ | 214.1600, 29.5690, 20.2970 |

Conversions

Conversions Part 2

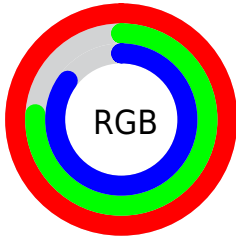
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 255, 193, 216 |
| Decimal | 16761304 |
| CIE _{Lab} | 84.15, 25.59, -2.81 |
| CIE _{LCh} | 84, 25.741, 353.725 |
| Yxy | 64.3578, 0.3452, 0.3056 |
| Android (android.graphics.Color) | 4294951384 (0xFFFFC1D8) |
| YUV | 214.1600, 0.9071, 35.8167 |
| Hunter-Lab | 80.2233, 21.3798, 1.7938 |

Details

The XYZ color **72.7046, 64.3578, 73.5561** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.3201, 88.6847, 89.6538**, and the grayscale version is **64.0058, 67.3390, 73.3322**.

A 20% lighter version of the original color is **93.4756, 96.8512, 108.3752**, and **38.9543, 33.0442, 38.0433** is the 20% darker color. If you saturate the color by 10%, you get **65.5723, 53.2515, 61.4415**, and if you desaturate by 10%, it is **81.0144, 77.4944, 87.0637**.

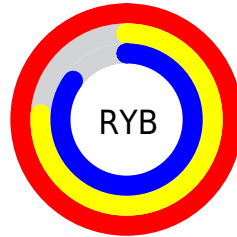
Distribution



Red (100%)

Green (76%)

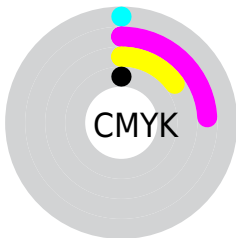
Blue (85%)



Red (100%)

Yellow (76%)

Blue (85%)

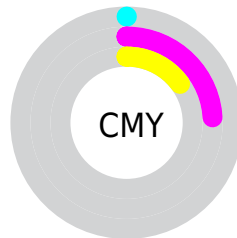


Cyan (0%)

Magenta (24%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (24%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.7046, 64.3578, 73.5561 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 72.7046, 64.3578, 73.5561 by changing the saturation by 10% instead.


 72.7046, 64.3578,
73.5561

 72.7046, 64.3578,
73.5561


459.1100,
440.4806, 492.0623

 54.0220, 46.9405,
53.9362


 122.0632,
111.1261, 125.9946

 38.8500, 32.9886,
38.1578


153.4698,
141.2459, 159.6502

 26.8232, 22.1177,
25.8024


189.8485,
176.3686, 198.8216

 17.5764, 13.9434,
16.4515

231.5646,
216.8787, 243.9271

 10.7441, 8.0813,
9.6864

278.9834,
263.1606, 295.3854

 5.9611, 4.1470,
5.0886

332.4703,

 2.8619, 1.7562,

315.5986, 353.6150

2.2397

392.3908,
374.5771, 419.0345

■ 1.0811, 0.4596,
0.6971

■ 0.0092, 0.0000,
0.0000

■ 72.7046, 64.3578,
73.5561

■ 72.7046, 64.3578,
73.5561

■ 65.5723, 53.2515,
61.4415

■ 81.0144, 77.4944,
87.0637

■ 59.5571, 44.0651,
50.6690

■ 90.5489, 92.7476,
102.0050

■ 54.6003, 36.6904,
41.1900

95.0500, 100.0000,
108.9000

■ 50.6357, 31.0048,
32.9510

■ 47.5888, 26.8707,
25.8943

■ 45.3742, 24.1281,
19.9565

■ 43.8880, 22.5815,
15.0655

■ 43.2868, 22.0787,
12.7082

Harmonies

Analogous

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



70.4228, 64.3578, 90.3000



72.7046, 64.3578, 73.5561



71.7447, 64.3578, 58.2068

Triad

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



72.7046, 64.3578, 73.5561



56.8722, 64.3578, 45.1219



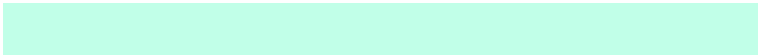
54.9216, 64.3578, 98.4975

Complementary

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



72.7046, 64.3578, 73.5561



72.3201, 88.6847, 89.6538

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.



51.6893, 64.3578, 83.4552



72.7046, 64.3578, 73.5561



52.7657, 64.3578, 53.1202

Square

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



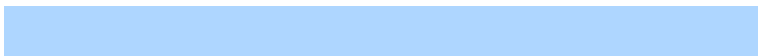
72.7046, 64.3578, 73.5561



62.3740, 64.3578, 43.3117



50.9251, 64.3578, 66.7049



59.9819, 64.3578, 106.0696

Rectangle

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



72.7046, 64.3578, 73.5561



69.4236, 64.3578, 50.5687



50.9251, 64.3578, 66.7049



53.5982, 64.3578, 94.0446

Sweetspot

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



72.7062, 64.3606, 73.5574



87.8620, 88.4330, 97.8442



70.1525, 62.3908, 102.9529



18.6797, 18.7256, 20.7459



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.



72.7062, 64.3606, 73.5574



69.2184, 58.9058, 67.7063



71.5760, 66.5298, 59.5248



18.2880, 18.0985, 20.1335



22.6842, 11.5630, 6.9874



2.2593, 1.1461, 0.9471

Inverse Universe

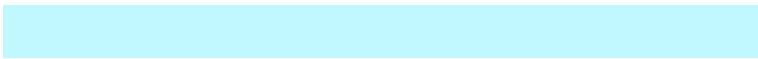
The Inverse Universe completely reimagines the original color for something new.



72.7062, 64.3606, 73.5574



69.2184, 58.9058, 67.7063



73.5398, 85.5501, 107.2446



18.2880, 18.0985, 20.1335



22.6842, 11.5630, 6.9874



2.2593, 1.1461, 0.9471

Previews

White Background



This preview shows how the XYZ color 72.7046, 64.3578, 73.5561 looks on a white background.

Color Contrast Check

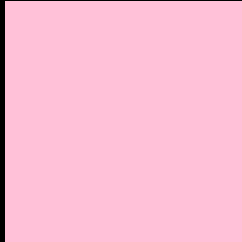
Large Text (above 18pt) WCAG AA × Fail

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 72.7046, 64.3578, 73.5561 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 72.7046, 64.3578, 73.5561

Background



This preview shows how black text looks on a background with the XYZ color 72.7046, 64.3578, 73.5561.



This preview shows how white text looks on a background with the XYZ color 72.7046, 64.3578,

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

72.7046, 64.3578, 73.5561

Protanopia

63.1063, 64.7936, 81.1319

Deuteranopia

66.0436, 64.6988, 72.6256



Tritanopia

71.6735, 64.2579, 68.9470

Trichromacy



Original Color

72.7046, 64.3578, 73.5561

Protanomaly

65.9048, 64.1545, 78.0168

Deuteranomaly

68.1799, 64.3920, 73.1254

Tritanomaly

72.0485, 64.4079, 70.9219

Monochromacy



Original Color

72.7046, 64.3578, 73.5561

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

66.6501, 65.7069, 73.4598

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.7046, 64.3578, 73.5561 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, 193, 216)` looks like.

```
.text, #text, p{  
    color:rgb(255, 193, 216)  
}
```

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, 193, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 193, 216) }
```

Border

The CSS property to change the border of an element to XYZ 72.7046, 64.3578, 73.5561 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, 193, 216) }
```


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

```
.border{ border-color:rgb(255, 193, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 193, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 193, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 193, 216);  
box-shadow:4px 4px 4px 4px rgb(255, 193,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 72.7046, 64.3578, 73.5561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 193, 216) }
```

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

```
.background{ background-color: rgb(255,  
193, 216) }
```

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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