

Converting Colors

XYZ(72.4082, 64.2428, 71.9837)

Have a look what the booklet for
XYZ(72.4082, 64.2428, 71.9837)
contains.

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Color

**XYZ(72.4476, 64.2550,
72.2024)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC1D6
RGB	255, 193, 214
RGB Percent	100%, 76%, 84%
CMY	0.0000, 0.2431, 0.1608
CMYK	0.00, 0.24, 0.16, 0.00
HSL	340°, 100%, 88%
HSV	340°, 24%, 100%
XYZ	72.4476, 64.2550, 72.2024
YIQ	213.9320, 30.2110, 19.6750

Conversions

Conversions Part 2

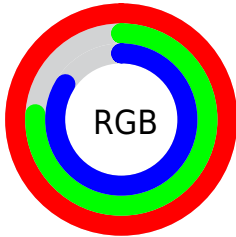
Format	Color
R _Y B	255, 193, 214
Decimal	16761302
CIE Lab	84.10, 25.28, -1.82
CIE LCh	84, 25.343, 355.877
Yxy	64.2550, 0.3468, 0.3076
Android (android.graphics.Color)	4294951382 (0xFFFFC1D6)
YUV	213.9320, 0.0335, 36.0166
Hunter-Lab	80.1592, 21.0490, 2.7067

Details

The XYZ color **72.4476, 64.2550, 72.2024** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.6059, 88.7991, 91.1587**, and the grayscale version is **63.8577, 67.1833, 73.1626**.

A 20% lighter version of the original color is **93.4756, 96.8512, 108.3752**, and **38.5166, 32.8388, 37.1094** is the 20% darker color. If you saturate the color by 10%, you get **65.2454, 53.1208, 59.7204**, and if you desaturate by 10%, it is **80.8477, 77.4277, 86.1855**.

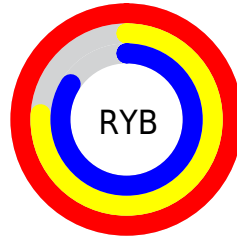
Distribution



Red (100%)

Green (76%)

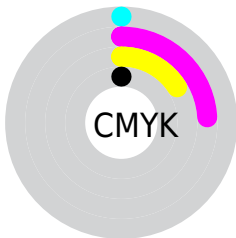
Blue (84%)



Red (100%)

Yellow (76%)

Blue (84%)

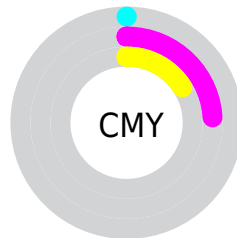


Cyan (0%)

Magenta (24%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (24%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.4476, 64.2550, 72.2024 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 72.4476, 64.2550, 72.2024 by changing the saturation by 10% instead.


 72.4476, 64.2550,
72.2024

 72.4476, 64.2550,
72.2024


458.2315,
440.1099, 487.2422

 53.8112, 46.8572,
52.8362

 121.7001,
110.9781, 124.0546

 38.6808, 32.9228,
37.2852


153.0468,
141.0722, 157.3778

 26.6911, 22.0673,
25.1309


189.3610,
176.1673, 196.1902

 17.4767, 13.9064,
15.9547

231.0080,
216.6476, 240.9106

 10.6724, 8.0556,
9.3381

278.3532,
262.8976, 291.9575

 5.9127, 4.1305,
4.8625

331.7620,

 2.8322, 1.7468,

315.3018, 349.7494

2.1095

391.5996,
374.2444, 414.7048

■ 1.0657, 0.4537,
0.6214

■ 0.0000, 0.0000,
0.0000

■ 72.4476, 64.2550,
72.2024

■ 72.4476, 64.2550,
72.2024

■ 65.2454, 53.1208,
59.7204

■ 80.8477, 77.4277,
86.1855

■ 59.1800, 43.9143,
48.6833

■ 90.4938, 92.7256,
101.7153

■ 54.1915, 36.5268,
39.0371

95.0500, 100.0000,
108.9000

■ 50.2124, 30.8356,
30.7224

■ 47.1674, 26.7021,
23.6751

■ 44.9693, 23.9661,
17.8246

■ 43.5131, 22.4315,
13.0913

■ 42.9342, 21.9377,
10.8518

Harmonies

Analogous

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



70.4217, 64.2550, 88.7161



72.4476, 64.2550, 72.2024



71.2760, 64.2550, 57.3550

Triad

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



72.4476, 64.2550, 72.2024



56.4950, 64.2550, 45.7344



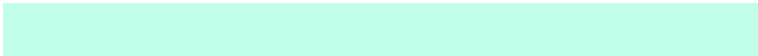
55.2320, 64.2550, 98.7049

Complementary

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



72.4476, 64.2550, 72.2024



72.6059, 88.7991, 91.1587

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.



51.8923, 64.2550, 84.2947



72.4476, 64.2550, 72.2024



52.5896, 64.2550, 54.0580

Square

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



72.4476, 64.2550, 72.2024



61.8495, 64.2550, 43.5041



50.9550, 64.2550, 67.7699



60.3019, 64.2550, 105.4265

Rectangle

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



72.4476, 64.2550, 72.2024



68.8755, 64.2550, 50.0883



50.9550, 64.2550, 67.7699



53.8822, 64.2550, 94.5017

Sweetspot

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



72.4491, 64.2578, 72.2037



87.7748, 88.3981, 97.3850



70.8243, 62.7372, 102.9844



18.6595, 18.7176, 20.6397



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.



72.4491, 64.2578, 72.2037



68.9261, 58.7889, 66.1672



72.0585, 67.4950, 59.6856



18.2632, 18.0886, 20.0030



22.4963, 11.4878, 5.9978



2.2390, 1.1380, 0.8401

Inverse Universe

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



72.4491, 64.2578, 72.2037



68.9261, 58.7889, 66.1672



72.9088, 84.2880, 107.0343



18.2632, 18.0886, 20.0030



22.4963, 11.4878, 5.9978



2.2390, 1.1380, 0.8401

Previews

White Background



This preview shows how the XYZ color 72.4476, 64.2550, 72.2024 looks on a white background.

Color Contrast Check

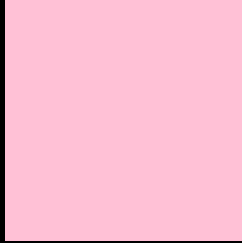
Large Text (above 18pt) WCAG AA × Fail

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 72.4476, 64.2550, 72.2024 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

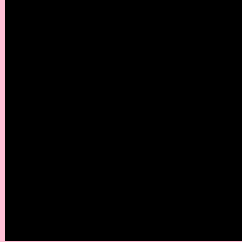
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.4476, 64.2550, 72.2024

Background



This preview shows how black text looks on a background with the XYZ color 72.4476, 64.2550, 72.2024.



This preview shows how white text looks on a background with the XYZ color 72.4476, 64.2550,

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

72.4476, 64.2550, 72.2024

Protanopia

62.6981, 64.6303, 78.9824

Deuteranopia

65.5527, 64.1234, 71.2094



Tritanopia

71.6735, 64.2579, 68.9470

Trichromacy



Original Color

72.4476, 64.2550, 72.2024

Protanomaly

65.6382, 64.0479, 76.6131

Deuteranomaly

67.6936, 63.8281, 71.7030

Tritanomaly

71.9227, 64.3576, 70.2595

Monochromacy



Original Color

72.4476, 64.2550, 72.2024

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

66.5220, 65.6557, 72.7851

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.4476, 64.2550, 72.2024 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, 214)` looks like.

```
.text, #text, p{  
    color:rgb(255, 193, 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, 193, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 193, 214) }
```

Border

The CSS property to change the border of an element to XYZ 72.4476, 64.2550, 72.2024 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, 214) }
```


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

```
.border{ border-color:rgb(255, 193, 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, 193, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 193, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 193, 214);  
box-shadow:4px 4px 4px 4px rgb(255, 193,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 72.4476, 64.2550, 72.2024 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, 214) }
```

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

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