

Converting Colors

XYZ(71.7458, 65.1734, 64.8102)

Have a look what the booklet for
XYZ(71.7458, 65.1734, 64.8102)
contains.

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Color

**XYZ(71.6406, 65.0041,
64.6483)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC4CA
RGB	255, 196, 202
RGB Percent	100%, 77%, 79%
CMY	0.0000, 0.2313, 0.2078
CMYK	0.00, 0.23, 0.21, 0.00
HSL	354°, 100%, 88%
HSV	354°, 23%, 100%
XYZ	71.6406, 65.0041, 64.6483
YIQ	214.3250, 33.2380, 14.3740

Conversions

Conversions Part 2

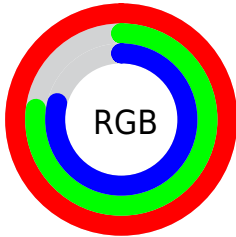
Format	Color
R_{YB}	255, 196, 202
Decimal	16762058
CIE _{Lab}	84.49, 21.91, 5.15
CIE _{LCh}	84, 22.503, 13.239
Yxy	65.0041, 0.3559, 0.3229
Android (android.graphics.Color)	4294952138 (0xFFFFC4CA)
YUV	214.3250, -6.0762, 35.6720
Hunter-Lab	80.6251, 17.5148, 8.8966

Details

The XYZ color **71.6406, 65.0041, 64.6483** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.6262, 90.0964, 103.0308**, and the grayscale version is **64.1607, 67.5021, 73.5098**.

A 20% lighter version of the original color is **94.4153, 98.7306, 108.6884**, and **38.0443, 33.3544, 32.4499** is the 20% darker color. If you saturate the color by 10%, you get **63.8559, 53.4580, 49.6499**, and if you desaturate by 10%, it is **80.8086, 78.6719, 82.0959**.

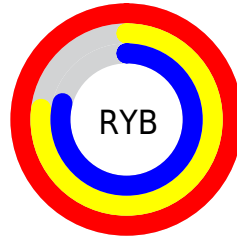
Distribution



Red (100%)

Green (77%)

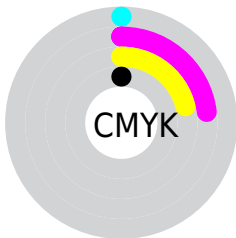
Blue (79%)



Red (100%)

Yellow (77%)

Blue (79%)

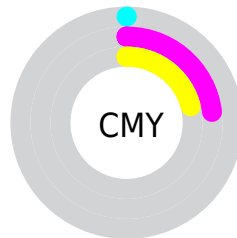


Cyan (0%)

Magenta (23%)

Yellow (21%)

Black (0%)



Cyan (0%)


Magenta (23%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.6406, 65.0041, 64.6483 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 71.6406, 65.0041, 64.6483 by changing the saturation by 10% instead.


 71.6406, 65.0041,
64.6483

 71.6406, 65.0041,
64.6483


455.4668,
442.8067, 459.7986

 53.1496, 47.4644,
46.7264


 120.5590,
112.0558, 113.1525

 38.1501, 33.4029,
32.4666


151.7170,
142.3365, 144.5719

 26.2770, 22.4353,
21.4504


187.8281,
177.6330, 181.3276

 17.1647, 14.1771,
13.2592

229.2576,
218.3298, 223.8380

 10.4480, 8.2439,
7.4744

276.3709,
264.8111, 272.5218

 5.7616, 4.2514,
3.6776


329.5333,


 2.7399, 1.8152,


317.4615, 327.7975


1.4502


389.1101,
376.6652, 390.0836


 1.0178, 0.4966,
0.1804


 0.0000, 0.0000,
0.0000


 71.6406, 65.0041,
64.6483

 71.6406, 65.0041,
64.6483

 63.8559, 53.4580,
49.6499


 80.8086, 78.6719,
82.0959

 57.3827, 43.9192,
36.9872

 91.4178, 94.5513,
102.0914

 52.1499, 36.2755,
26.5436

95.0500, 100.0000,
108.9000

 48.0778, 30.4003,
18.1907

■ 45.0770, 26.1514,
11.7873

■ 43.0452, 23.3647,
7.1740

■ 41.8599, 21.8414,
4.1665

■ 41.4255, 21.3342,
2.9068

Harmonies

Analogous

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



71.4717, 65.0041, 79.0334



71.6406, 65.0041, 64.6483



69.0688, 65.0041, 53.5164

Triad

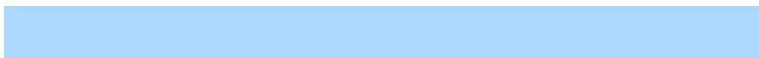
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.6406, 65.0041, 64.6483



55.4195, 65.0041, 52.5278



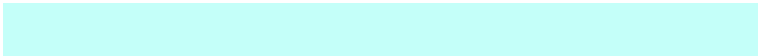
59.0488, 65.0041, 100.6069

Complementary

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



71.6406, 65.0041, 64.6483



75.6262, 90.0964, 103.0308

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.



55.0311, 65.0041, 91.4026



71.6406, 65.0041, 64.6483



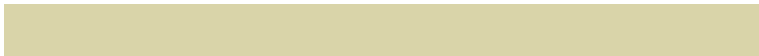
53.0147, 65.0041, 63.1192

Square

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



71.6406, 65.0041, 64.6483



59.6052, 65.0041, 47.1831



52.8765, 65.0041, 77.2843



64.0162, 65.0041, 101.1625

Rectangle

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



71.6406, 65.0041, 64.6483



66.2228, 65.0041, 48.8983



52.8765, 65.0041, 77.2843



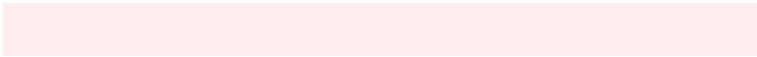
57.5490, 65.0041, 98.3705

Sweetspot

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



71.6421, 65.0070, 64.6496



87.1423, 88.1451, 94.0543



76.5443, 66.6806, 103.4441



18.5134, 18.6591, 19.8704



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.



71.6421, 65.0070, 64.6496



67.6856, 59.1303, 57.0530



76.4371, 75.7110, 62.8132



18.0844, 18.0171, 19.0614



21.6701, 11.1573, 1.6472



2.1336, 1.0958, 0.2851

Inverse Universe

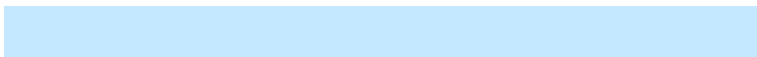
The Inverse Universe completely reimagines the original color for something new.



71.6421, 65.0070, 64.6496



67.6856, 59.1303, 57.0530



69.7819, 76.8872, 105.7706



18.0844, 18.0171, 19.0614



21.6701, 11.1573, 1.6472



2.1336, 1.0958, 0.2851

Previews

White Background



This preview shows how the XYZ color 71.6406, 65.0041, 64.6483 looks on a white background.

Color Contrast Check

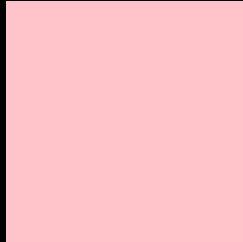
Large Text (above 18pt) WCAG AA × Fail

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 71.6406, 65.0041, 64.6483 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

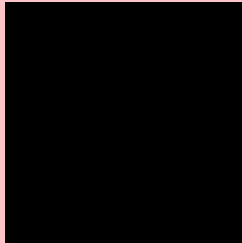
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.6406, 65.0041, 64.6483

Background



This preview shows how black text looks on a background with the XYZ color 71.6406, 65.0041, 64.6483.



This preview shows how white text looks on a background with the XYZ color 71.6406, 65.0041,

64.6483.

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

71.6406, 65.0041, 64.6483

Protanopia

62.7038, 65.1934, 70.2515

Deuteranopia

66.7276, 65.2356, 64.3332



Tritanopia

72.3880, 64.9434, 69.6928

Trichromacy



Original Color

71.6406, 65.0041, 64.6483

Protanomaly

65.7269, 64.9906, 68.1117

Deuteranomaly

68.3914, 65.0450, 64.2087

Tritanomaly

72.0176, 64.7952, 67.7425

Monochromacy



Original Color

71.6406, 65.0041, 64.6483

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

66.2588, 65.9368, 70.2076

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.6406, 65.0041, 64.6483 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, 196, 202)` looks like.

```
.text, #text, p{  
    color:rgb(255, 196, 202)  
}
```

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, 196, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 196, 202) }
```

Border

The CSS property to change the border of an element to XYZ 71.6406, 65.0041, 64.6483 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, 196, 202) }
```


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

```
.border{ border-color:rgb(255, 196, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 196, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 196, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 196, 202);  
box-shadow:4px 4px 4px 4px rgb(255, 196,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 71.6406, 65.0041, 64.6483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 196, 202) }
```

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

```
.background{ background-color: rgb(255,  
196, 202) }
```

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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