

Converting Colors

XYZ(71.9950, 65.1610, 66.4680)

Have a look what the booklet for
XYZ(71.9950, 65.1610, 66.4680)
contains.

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Color

**XYZ(71.9994, 65.1476,
66.5376)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC4CD
RGB	255, 196, 205
RGB Percent	100%, 77%, 80%
CMY	0.0000, 0.2313, 0.1961
CMYK	0.00, 0.23, 0.20, 0.00
HSL	351°, 100%, 88%
HSV	351°, 23%, 100%
XYZ	71.9994, 65.1476, 66.5376
YIQ	214.6670, 32.2750, 15.3070

Conversions

Conversions Part 2

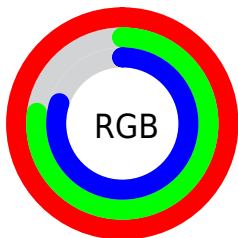
Format	Color
R_{YB}	255, 196, 205
Decimal	16762061
CIE _{Lab}	84.56, 22.34, 3.66
CIE _{LCh}	85, 22.643, 9.300
Yxy	65.1476, 0.3535, 0.3198
Android (android.graphics.Color)	4294952141 (0xFFFFC4CD)
YUV	214.6670, -4.7658, 35.3720
Hunter-Lab	80.7141, 17.9778, 7.6234

Details

The XYZ color **71.9994, 65.1476, 66.5376** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.1618, 89.9107, 100.5856**, and the grayscale version is **64.3834, 67.7364, 73.7649**.

A 20% lighter version of the original color is **94.4153, 98.7306, 108.6884**, and **38.2849, 33.4507, 33.7170** is the 20% darker color. If you saturate the color by 10%, you get **64.2976, 53.6347, 51.9763**, and if you desaturate by 10%, it is **81.0421, 78.7653, 83.3253**.

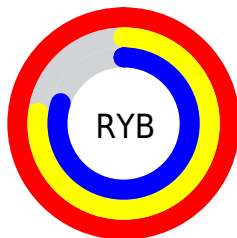
Distribution



Red (100%)

Green (77%)

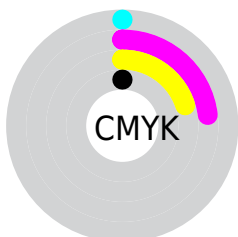
Blue (80%)



Red (100%)

Yellow (77%)

Blue (80%)

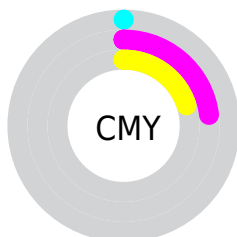


Cyan (0%)

Magenta (23%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (23%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.9994, 65.1476, 66.5376 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 71.9994, 65.1476, 66.5376 by changing the saturation by 10% instead.


 71.9994, 65.1476,
66.5376

 71.9994, 65.1476,
66.5376


456.6972,
443.3222, 466.7537

 53.4436, 47.5808,
48.2497


 121.0665,
112.2620, 115.8919

 38.3859, 33.4950,
33.6633

152.3085,
142.5784, 147.7955

 26.4609, 22.5059,
22.3598


188.5100,
177.9135, 185.0746

 17.3033, 14.2291,
13.9207

230.0364,
218.6516, 228.1479

 10.5476, 8.2802,
7.9274

277.2529,
265.1771, 277.4340

 5.8285, 4.2748,
3.9614


330.5250,

 2.7808, 1.8284,


317.8744, 333.3512


1.6042


390.2180,
377.1280, 396.3183


 1.0389, 0.5048,
0.2938


 0.0000, 0.0000,
0.0000


 71.9994, 65.1476,
66.5376


 71.9994, 65.1476,
66.5376

 64.2976, 53.6347,
51.9763


 81.0421, 78.7653,
83.3253

 57.8682, 44.1134,
39.5437

 91.4808, 94.5765,
102.4236

 52.6431, 36.4728,
29.1405

95.0500, 100.0000,
108.9000

 48.5463, 30.5877,
20.6581

■ 45.4929, 26.3177,
13.9773

■ 43.3854, 23.5007,
8.9655

■ 42.1077, 21.9405,
5.4711

■ 41.6043, 21.4057,
3.8482

Harmonies

Analogous

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



71.4491, 65.1476, 81.2187



71.9994, 65.1476, 66.5376



69.7378, 65.1476, 54.7480

Triad

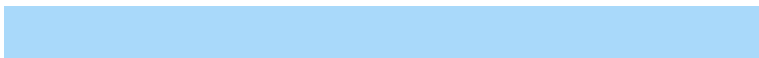
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.9994, 65.1476, 66.5376



55.9757, 65.1476, 51.5288



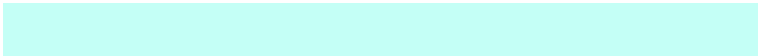
58.5537, 65.1476, 100.2372

Complementary

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



71.9994, 65.1476, 66.5376



75.1618, 89.9107, 100.5856

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.



54.7110, 65.1476, 90.0334



71.9994, 65.1476, 66.5376



53.2797, 65.1476, 61.5576

Square

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



71.9994, 65.1476, 66.5376



60.3659, 65.1476, 46.8914



52.8296, 65.1476, 75.5213



63.5023, 65.1476, 102.0473

Rectangle

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



71.9994, 65.1476, 66.5376



67.0084, 65.1476, 49.6212



52.8296, 65.1476, 75.5213



57.0975, 65.1476, 97.6150

Sweetspot

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



72.0009, 65.1504, 66.5389



87.2768, 88.1989, 94.7623



75.5060, 66.1452, 103.3955



18.5444, 18.6716, 20.0338



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.



72.0009, 65.1504, 66.5389



68.0899, 59.2920, 59.1820



75.6761, 74.1890, 62.5595



18.1222, 18.0322, 19.2609



21.7726, 11.1983, 2.1869



2.1514, 1.1029, 0.3786

Inverse Universe

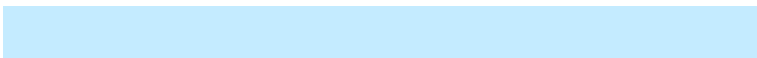
The Inverse Universe completely reimagines the original color for something new.



72.0009, 65.1504, 66.5389



68.0899, 59.2920, 59.1820



70.6210, 78.5655, 106.0503



18.1222, 18.0322, 19.2609



21.7726, 11.1983, 2.1869



2.1514, 1.1029, 0.3786

Previews

White Background



This preview shows how the XYZ color 71.9994, 65.1476, 66.5376 looks on a white background.

Color Contrast Check

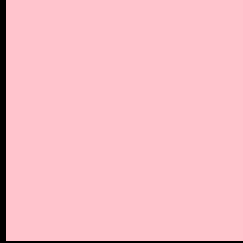
Large Text (above 18pt) WCAG AA × Fail

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 71.9994, 65.1476, 66.5376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

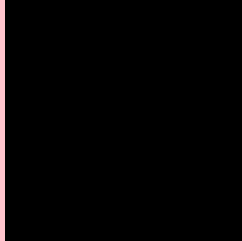
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.9994, 65.1476, 66.5376

Background



This preview shows how black text looks on a background with the XYZ color 71.9994, 65.1476, 66.5376.

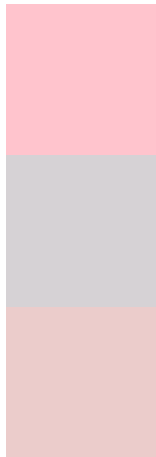


This preview shows how white text looks on a background with the XYZ color 71.9994, 65.1476,

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

71.9994, 65.1476, 66.5376

Protanopia

62.7884, 65.1934, 72.2251

Deuteranopia

66.6333, 65.1597, 65.5650



Tritanopia

72.3880, 64.9434, 69.6928

Trichromacy



Original Color

71.9994, 65.1476, 66.5376

Protanomaly

65.7773, 64.9738, 70.0471

Deuteranomaly

68.4037, 65.0102, 66.0697

Tritanomaly

72.1403, 64.8443, 68.3885

Monochromacy



Original Color

71.9994, 65.1476, 66.5376

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

66.9469, 66.6379, 70.9619

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.9994, 65.1476, 66.5376 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, 205)` looks like.

```
.text, #text, p{  
    color:rgb(255, 196, 205)  
}
```

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, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 196, 205) }
```

Border

The CSS property to change the border of an element to XYZ 71.9994, 65.1476, 66.5376 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, 205) }
```


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

```
.border{ border-color:rgb(255, 196, 205) }
```

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, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 196, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 196, 205);  
box-shadow:4px 4px 4px 4px rgb(255, 196,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 71.9994, 65.1476, 66.5376 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, 205) }
```

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

```
.background{ background-color: rgb(255,  
196, 205) }
```

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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