

Converting Colors

XYZ(71.3040, 64.1537, 65.0824)

Have a look what the booklet for
XYZ(71.3040, 64.1537, 65.0824)
contains.

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Color

**XYZ(71.3113, 64.1554,
65.1246)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC2CB
RGB	255, 194, 203
RGB Percent	100%, 76%, 80%
CMY	0.0000, 0.2392, 0.2039
CMYK	0.00, 0.24, 0.20, 0.00
HSL	351°, 100%, 88%
HSV	351°, 24%, 100%
XYZ	71.3113, 64.1554, 65.1246
YIQ	213.2650, 33.4670, 15.7310

Conversions

Conversions Part 2

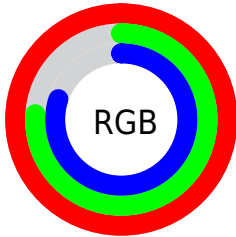
Format	Color
R_{YB}	255, 194, 203
Decimal	16761547
CIE _{Lab}	84.05, 23.10, 3.98
CIE _{LCh}	84, 23.441, 9.786
Yxy	64.1554, 0.3555, 0.3198
Android (android.graphics.Color)	4294951627 (0xFFFFC2CB)
YUV	213.2650, -5.0606, 36.6016
Hunter-Lab	80.0971, 18.7506, 7.8610

Details

The XYZ color **71.3113, 64.1554, 65.1246** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.6451, 89.6443, 100.5616**, and the grayscale version is **63.4417, 66.7456, 72.6860**.

A 20% lighter version of the original color is **93.7872, 97.4744, 108.4791**, and **37.8289, 32.7964, 32.7703** is the 20% darker color. If you saturate the color by 10%, you get **63.7037, 52.7995, 50.6909**, and if you desaturate by 10%, it is **80.2591, 77.6097, 81.7989**.

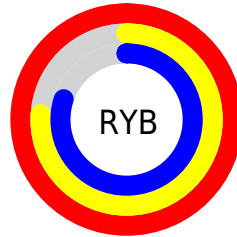
Distribution



Red (100%)

Green (76%)

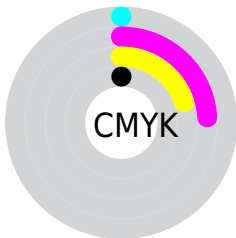
Blue (80%)



Red (100%)

Yellow (76%)

Blue (80%)

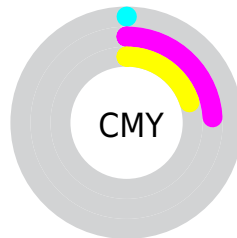


Cyan (0%)

Magenta (24%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (24%)


Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.3113, 64.1554, 65.1246 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 71.3113, 64.1554, 65.1246 by changing the saturation by 10% instead.


 71.3113, 64.1554,
65.1246

 71.3113, 64.1554,
65.1246


454.3358,
439.7506, 461.5581

 52.8797, 46.7766,
47.1101


 120.0930,
110.8347, 113.8440

 37.9339, 32.8590,
32.7678


151.1738,
140.9040, 145.3859

 26.1083, 22.0185,
21.6789

187.2018,
175.9721, 182.2742

 17.0378, 13.8705,
13.4251

228.5422,
216.4236, 224.9272

 10.3569, 8.0306,
7.5878

275.5605,
262.6428, 273.7636

 5.7003, 4.1146,
3.7484


328.6219,


 2.7026, 1.7379,


315.0141, 329.2018


1.4883


388.0919,
373.9219, 391.6605


 0.9985, 0.4480,
0.2092


 0.0000, 0.0000,
0.0000


 71.3113, 64.1554,
65.1246


 71.3113, 64.1554,
65.1246

 63.7037, 52.7995,
50.6909


 80.2591, 77.6097,
81.7989

 57.3669, 43.4282,
38.3980

 90.6027, 93.2520,
100.7998

 52.2322, 35.9296,
28.1447

95.0500, 100.0000,
108.9000

 48.2226, 30.1774,
19.8195

■ 45.2520, 26.0295,
13.3006

■ 43.2214, 23.3216,
8.4515

■ 42.0118, 21.8536,
5.1157

■ 41.5835, 21.3974,
3.7390

Harmonies

Analogous

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



70.7934, 64.1554, 80.1636



71.3113, 64.1554, 65.1246



68.9427, 64.1554, 53.1689

Triad

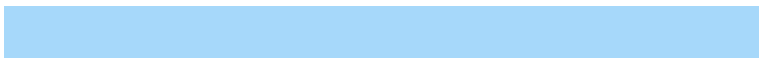
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.3113, 64.1554, 65.1246



54.8332, 64.1554, 50.1760



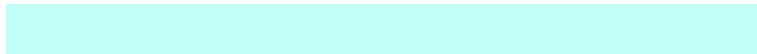
57.6061, 64.1554, 100.1320

Complementary

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



71.3113, 64.1554, 65.1246



74.6451, 89.6443, 100.5616

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.



53.6513, 64.1554, 89.7094



71.3113, 64.1554, 65.1246



52.1142, 64.1554, 60.4691

Square

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



71.3113, 64.1554, 65.1246



59.3031, 64.1554, 45.3806



51.6941, 64.1554, 74.8077



62.6837, 64.1554, 101.8447

Rectangle

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



71.3113, 64.1554, 65.1246



66.1199, 64.1554, 48.0213



51.6941, 64.1554, 74.8077



56.1094, 64.1554, 97.4675

Sweetspot

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



71.3128, 64.1582, 65.1259



87.2635, 88.1936, 94.6925



75.2970, 65.3722, 103.2573



18.5414, 18.6703, 20.0177



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.



71.3128, 64.1582, 65.1259



67.2836, 58.1319, 57.5178



75.3690, 73.9367, 61.3415



18.1185, 18.0307, 19.2412



21.7608, 11.1936, 2.1251



2.1496, 1.1022, 0.3694

Inverse Universe

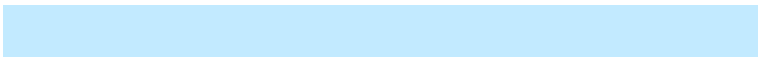
The Inverse Universe completely reimagines the original color for something new.



71.3128, 64.1582, 65.1259



67.2836, 58.1319, 57.5178



69.6236, 77.3379, 105.8659



18.1185, 18.0307, 19.2412



21.7608, 11.1936, 2.1251



2.1496, 1.1022, 0.3694

Previews

White Background



This preview shows how the XYZ color 71.3113, 64.1554, 65.1246 looks on a white background.

Color Contrast Check

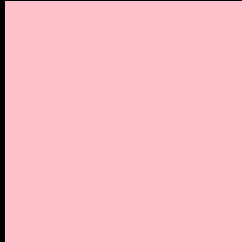
Large Text (above 18pt) WCAG AA × Fail

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 71.3113, 64.1554, 65.1246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

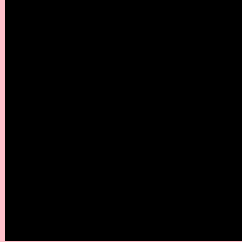
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.3113, 64.1554, 65.1246

Background



This preview shows how black text looks on a background with the XYZ color 71.3113, 64.1554, 65.1246.



This preview shows how white text looks on a background with the XYZ color 71.3113, 64.1554,

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

71.3113, 64.1554, 65.1246

Protanopia

61.9989, 64.4502, 70.8005

Deuteranopia

65.5028, 64.2526, 64.2080



Tritanopia

71.6951, 63.9540, 68.2401

Trichromacy



Original Color

71.3113, 64.1554, 65.1246

Protanomaly

64.9729, 64.2338, 68.6484

Deuteranomaly

67.5906, 64.2736, 64.7208

Tritanomaly

71.4505, 63.8562, 66.9521

Monochromacy



Original Color

71.3113, 64.1554, 65.1246

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

65.5748, 65.2400, 69.4580

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.3113, 64.1554, 65.1246 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, 194, 203)` looks like.

```
.text, #text, p{  
    color:rgb(255, 194, 203)  
}
```

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, 194, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 194, 203) }
```

Border

The CSS property to change the border of an element to XYZ 71.3113, 64.1554, 65.1246 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, 194, 203) }
```


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

```
.border{ border-color:rgb(255, 194, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 194, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 194, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 194, 203);  
box-shadow:4px 4px 4px 4px rgb(255, 194,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 71.3113, 64.1554, 65.1246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 194, 203) }
```

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

```
.background{ background-color: rgb(255,  
194, 203) }
```

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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