

Converting Colors

XYZ(71.2338, 62.8947, 68.5073)

Have a look what the booklet for
XYZ(71.2338, 62.8947, 68.5073)
contains.

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Color

**XYZ(71.3794, 63.1251,
68.7439)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBFD1
RGB	255, 191, 209
RGB Percent	100%, 75%, 82%
CMY	0.0000, 0.2510, 0.1804
CMYK	0.00, 0.25, 0.18, 0.00
HSL	343°, 100%, 87%
HSV	343°, 25%, 100%
XYZ	71.3794, 63.1251, 68.7439
YIQ	212.1880, 32.3660, 19.1660

Conversions

Conversions Part 2

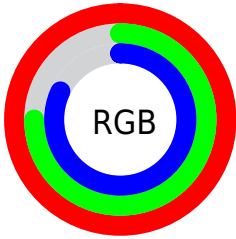
Format	Color
R _Y B	255, 191, 209
Decimal	16760785
CIE Lab	83.51, 25.57, -0.01
CIE LCh	84, 25.566, 359.979
Yxy	63.1251, 0.3512, 0.3106
Android (android.graphics.Color)	4294950865 (0xFFFFBFD1)
YUV	212.1880, -1.5717, 37.5461
Hunter-Lab	79.4513, 21.3254, 4.3162

Details

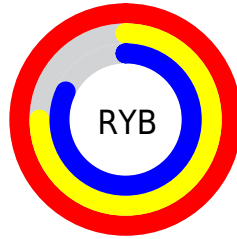
The XYZ color **71.3794, 63.1251, 68.7439** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.5342, 88.7119, 93.4247**, and the grayscale version is **62.7008, 65.9661, 71.8371**.

A 20% lighter version of the original color is **92.8574, 95.6148, 108.1691**, and **37.8880, 32.1282, 35.2148** is the 20% darker color. If you saturate the color by 10%, you get **64.1545, 52.1005, 55.7762**, and if you desaturate by 10%, it is **79.8366, 76.1959, 83.4121**.

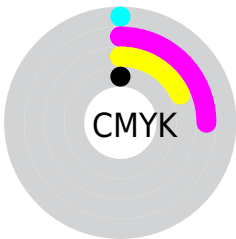
Distribution



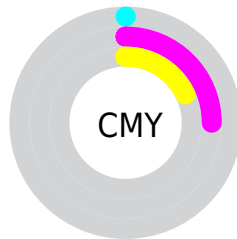
- Red (100%)
- Green (75%)
- Blue (82%)



- Red (100%)
- Yellow (75%)
- Blue (82%)



- Cyan (0%)
- Magenta (25%)
- Yellow (18%)
- Black (0%)





- Cyan (0%)
- Magenta (25%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.3794, 63.1251, 68.7439 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 71.3794, 63.1251, 68.7439 by changing the saturation by 10% instead.

 71.3794, 63.1251,
68.7439

 71.3794, 63.1251,
68.7439

454.5699,
436.0234, 474.7966

 52.9355, 45.9424,
50.0327


 120.1894,
109.3500, 119.0800

 37.9786, 32.2004,
35.0680

151.2862,
139.1610, 151.5419

 26.1432, 21.5146,
23.4313


187.3313,
173.9502, 189.4246

 17.0640, 13.5007,
14.7040

228.6902,
214.1020, 233.1464

 10.3757, 7.7742,
8.4676

275.7281,
260.0008, 283.1260

 5.7130, 3.9508,
4.3036

328.8105,

 2.7103, 1.6461,

312.0311, 339.7819

1.7933

388.3026,
370.5771, 403.5326

■ 1.0025, 0.3884,
0.4235

■ 0.0000, 0.0000,
0.0000

■ 71.3794, 63.1251,
68.7439

■ 71.3794, 63.1251,
68.7439

■ 64.1545, 52.1005,
55.7762

■ 79.8366, 76.1959,
83.4121

■ 58.0984, 43.0098,
44.4420

■ 89.5764, 91.4010,
99.8365

■ 53.1484, 35.7427,
34.6754

95.0500, 100.0000,
108.9000

■ 49.2344, 30.1744,
26.4042

■ 46.2774, 26.1641,
19.5501

■ 44.1866, 23.5480,
14.0269

■ 42.8515, 22.1249,
9.7369

■ 42.4001, 21.7241,
8.0391

Harmonies

Analogous

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



69.7755, 63.1251, 85.2801



71.3794, 63.1251, 68.7439



69.7799, 63.1251, 54.4941

Triad

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



71.3794, 63.1251, 68.7439



54.7957, 63.1251, 45.4048



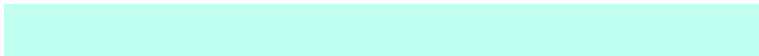
54.7892, 63.1251, 98.9166

Complementary

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



71.3794, 63.1251, 68.7439



72.5342, 88.7119, 93.4247

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.



51.1768, 63.1251, 85.2573



71.3794, 63.1251, 68.7439



51.1803, 63.1251, 54.4772

Square

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



71.3794, 63.1251, 68.7439



60.0025, 63.1251, 42.3575



49.8966, 63.1251, 68.7211



59.9945, 63.1251, 104.2647

Rectangle

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



71.3794, 63.1251, 68.7439



67.1657, 63.1251, 47.7852



49.8966, 63.1251, 68.7211



53.3603, 63.1251, 95.0501

Sweetspot

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



71.3810, 63.1279, 68.7452



86.6122, 86.7592, 94.8816



71.5633, 62.4663, 102.8931



18.2193, 18.0710, 19.7720



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

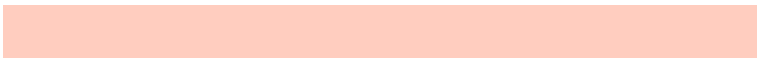
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.3810, 63.1279, 68.7452



67.6868, 57.4708, 62.1763



72.4453, 68.6231, 58.7212



18.2193, 18.0710, 19.7720



22.2095, 11.3731, 4.4876



2.2067, 1.1251, 0.6700

Inverse Universe

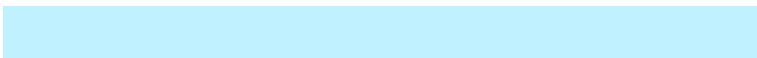
The Inverse Universe completely reimagines the original color for something new.



71.3810, 63.1279, 68.7452



67.6868, 57.4708, 62.1763



71.0326, 81.2876, 106.5540



18.2193, 18.0710, 19.7720



22.2095, 11.3731, 4.4876



2.2067, 1.1251, 0.6700

Previews

White Background



This preview shows how the XYZ color 71.3794, 63.1251, 68.7439 looks on a white background.

Color Contrast Check

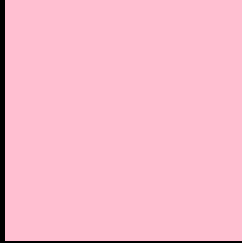
Large Text (above 18pt) WCAG AA × Fail

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 71.3794, 63.1251, 68.7439 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 71.3794, 63.1251, 68.7439

Background



This preview shows how black text looks on a background with the XYZ color 71.3794, 63.1251, 68.7439.

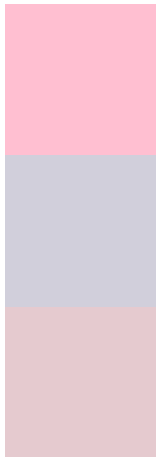


This preview shows how white text looks on a background with the XYZ color 71.3794, 63.1251,

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

71.3794, 63.1251, 68.7439

Protanopia

61.3935, 63.2954, 75.9993

Deuteranopia

64.6961, 63.4041, 67.8598



Tritanopia

71.0114, 62.9778, 66.8058

Trichromacy



Original Color

71.3794, 63.1251, 68.7439

Protanomaly

64.5164, 62.8483, 73.0205

Deuteranomaly

66.8391, 63.1194, 68.3350

Tritanomaly

71.1333, 63.0266, 67.4477

Monochromacy



Original Color

71.3794, 63.1251, 68.7439

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

65.3456, 64.3829, 70.6111

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.3794, 63.1251, 68.7439 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, 191, 209)` looks like.

```
.text, #text, p{  
    color:rgb(255, 191, 209)  
}
```

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, 191, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 191, 209) }
```

Border

The CSS property to change the border of an element to XYZ 71.3794, 63.1251, 68.7439 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, 191, 209) }
```


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

```
.border{ border-color:rgb(255, 191, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 191, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 191, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 191, 209);  
box-shadow:4px 4px 4px 4px rgb(255, 191,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 71.3794, 63.1251, 68.7439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 191, 209) }
```

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

```
.background{ background-color: rgb(255,  
191, 209) }
```

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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