

Converting Colors

XYZ(71.2091, 62.2607, 70.3019)

Have a look what the booklet for
XYZ(71.2091, 62.2607, 70.3019)
contains.

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Color

**XYZ(71.3213, 62.4087,
70.5744)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBDD4
RGB	255, 189, 212
RGB Percent	100%, 74%, 83%
CMY	0.0000, 0.2588, 0.1686
CMYK	0.00, 0.26, 0.17, 0.00
HSL	339°, 100%, 87%
HSV	339°, 26%, 100%
XYZ	71.3213, 62.4087, 70.5744
YIQ	211.3560, 31.9530, 21.1450

Conversions

Conversions Part 2

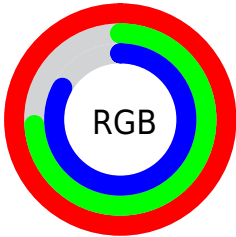
Format	Color
R _Y B	255, 189, 212
Decimal	16760276
CIE Lab	83.13, 27.07, -2.17
CIE LCh	83, 27.158, 355.416
Yxy	62.4087, 0.3491, 0.3055
Android (android.graphics.Color)	4294950356 (0xFFFFBDD4)
YUV	211.3560, 0.3175, 38.2758
Hunter-Lab	78.9992, 22.9031, 2.3323

Details

The XYZ color **71.3213, 62.4087, 70.5744** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.3140, 88.1661, 89.6067**, and the grayscale version is **62.1368, 65.3727, 71.1909**.

A 20% lighter version of the original color is **92.2458, 94.3915, 107.9653**, and **37.7757, 31.6326, 36.0130** is the 20% darker color. If you saturate the color by 10%, you get **64.3214, 51.5922, 58.4274**, and if you desaturate by 10%, it is **79.5042, 75.2455, 84.1814**.

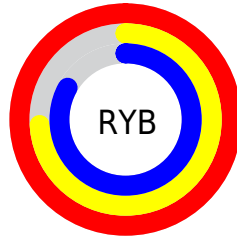
Distribution



Red (100%)

Green (74%)

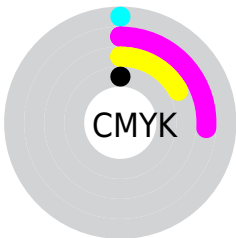
Blue (83%)



Red (100%)

Yellow (74%)

Blue (83%)

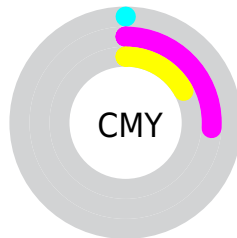


Cyan (0%)

Magenta (26%)

Yellow (17%)

Black (0%)



Cyan (0%)


Magenta (26%)


Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.3213, 62.4087, 70.5744 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 71.3213, 62.4087, 70.5744 by changing the saturation by 10% instead.

 71.3213, 62.4087,
70.5744

 71.3213, 62.4087,
70.5744


454.3702,
433.4203, 481.4078

 52.8879, 45.3630,
51.5153

 120.1071,
108.3160, 121.7163

 37.9404, 31.7435,
36.2393


151.1903,
137.9464, 154.6362

 26.1135, 21.1656,
24.3279


187.2208,
172.5405, 193.0133

 17.0417, 13.2451,
15.3626

228.5639,
212.4827, 237.2663

 10.3597, 7.5976,
8.9248

275.5851,
258.1574, 287.8138

 5.7022, 3.8385,
4.5960

328.6496,

 2.7038, 1.5837,

309.9490, 345.0741

1.9577

388.1229,
368.2418, 409.4659

■ 0.9991, 0.3465,
0.5291

■ 0.0000, 0.0000,
0.0000

■ 71.3213, 62.4087,
70.5744

■ 71.3213, 62.4087,
70.5744

■ 64.3214, 51.5922,
58.4274

■ 79.5042, 75.2455,
84.1814

■ 58.4430, 42.6842,
47.6855

■ 88.9186, 90.1905,
99.2930

■ 53.6258, 35.5746,
38.2959

95.0500, 100.0000,
108.9000

■ 49.8015, 30.1385,
30.2004

■ 46.8935, 26.2348,
23.3360

■ 44.8132, 23.6990,
17.6332

■ 43.4515, 22.3271,
13.0131

■ 43.0370, 21.9788,
11.3929

Harmonies

Analogous

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



69.1252, 62.4087, 88.0471



71.3213, 62.4087, 70.5744



70.1311, 62.4087, 54.9767

Triad

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



71.3213, 62.4087, 70.5744



54.5945, 62.4087, 42.6932



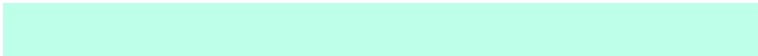
53.1264, 62.4087, 98.2618

Complementary

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



71.3213, 62.4087, 70.5744



71.3140, 88.1661, 89.6067

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.



49.6770, 62.4087, 82.8245



71.3213, 62.4087, 70.5744



50.4845, 62.4087, 51.1745

Square

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



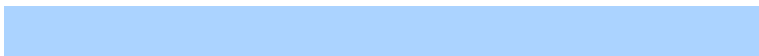
71.3213, 62.4087, 70.5744



60.2262, 62.4087, 40.5078



48.7425, 62.4087, 65.3963



58.4182, 62.4087, 105.6255

Rectangle

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



71.3213, 62.4087, 70.5744



67.6166, 62.4087, 47.3943



48.7425, 62.4087, 65.3963



51.7271, 62.4087, 93.7324

Sweetspot

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



71.3228, 62.4114, 70.5757



86.8171, 86.8412, 95.9611



69.4959, 60.7573, 102.6722



18.2707, 18.0916, 20.0425



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.



71.3228, 62.4114, 70.5757



67.5941, 56.6265, 64.1767



70.8276, 65.7377, 57.1033



18.2707, 18.0916, 20.0425



22.5511, 11.5097, 6.2867



2.2450, 1.1404, 0.8717

Inverse Universe

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



71.3228, 62.4114, 70.5757



67.5941, 56.6265, 64.1767



71.7208, 83.4055, 106.9265



18.2707, 18.0916, 20.0425



22.5511, 11.5097, 6.2867



2.2450, 1.1404, 0.8717

Previews

White Background



This preview shows how the XYZ color 71.3213, 62.4087, 70.5744 looks on a white background.

Color Contrast Check

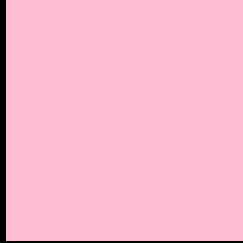
Large Text (above 18pt) WCAG AA × Fail

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 71.3213, 62.4087, 70.5744 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 71.3213, 62.4087, 70.5744

Background



This preview shows how black text looks on a background with the XYZ color 71.3213, 62.4087, 70.5744.



This preview shows how white text looks on a background with the XYZ color 71.3213, 62.4087,

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

71.3213, 62.4087, 70.5744

Protanopia

60.9882, 62.6819, 77.9916

Deuteranopia

63.8835, 62.5952, 69.6878



Tritanopia

70.3060, 62.3055, 66.0782

Trichromacy



Original Color

71.3213, 62.4087, 70.5744

Protanomaly

64.0496, 62.2178, 74.9631

Deuteranomaly

66.6492, 62.6402, 70.2060

Tritanomaly

70.6717, 62.4518, 68.0041

Monochromacy



Original Color

71.3213, 62.4087, 70.5744

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

64.7924, 63.7459, 70.5173

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.3213, 62.4087, 70.5744 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, 189, 212)` looks like.

```
.text, #text, p{  
    color:rgb(255, 189, 212)  
}
```

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, 189, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 189, 212) }
```

Border

The CSS property to change the border of an element to XYZ 71.3213, 62.4087, 70.5744 is called "border". The border property can be set on classes, ids or directly on the HTML element.

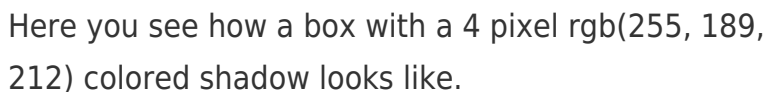
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 189, 212) }
```


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

```
.border{ border-color:rgb(255, 189, 212) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 189, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 189, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 189, 212);  
box-shadow:4px 4px 4px 4px rgb(255, 189,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 71.3213, 62.4087, 70.5744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 189, 212) }
```

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

```
.background{ background-color: rgb(255,  
189, 212) }
```

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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