

Converting Colors

XYZ(71.5335, 63.1021, 73.3754)

Have a look what the booklet for
XYZ(71.5335, 63.1021, 73.3754)
contains.

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Color

**XYZ(71.5335, 63.1021,
73.3754)**

Conversions

Conversions Part 1

Format	Color
Hex	FDBFD8
RGB	253, 191, 216
RGB Percent	99%, 75%, 85%
CMY	0.0078, 0.2510, 0.1529
CMYK	0.00, 0.25, 0.15, 0.01
HSL	336°, 94%, 87%
HSV	336°, 25%, 99%
XYZ	71.5335, 63.1021, 73.3754
YIQ	212.3880, 28.9270, 20.9190

Conversions

Conversions Part 2

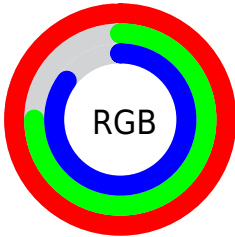
Format	Color
R _Y B	253, 191, 216
Decimal	16629720
CIE Lab	83.50, 25.94, -3.80
CIE LCh	83, 26.221, 351.667
Yxy	63.1021, 0.3439, 0.3034
Android (android.graphics.Color)	4294819800 (0xFFFD8FD8)
YUV	212.3880, 1.7807, 35.6167
Hunter-Lab	79.4368, 21.7262, 0.8399

Details

The XYZ color **71.5335, 63.1021, 73.3754** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.6173, 86.9301, 86.4602**, and the grayscale version is **62.8140, 66.0852, 71.9668**.

A 20% lighter version of the original color is **92.8574, 95.6148, 108.1691**, and **38.1436, 32.2003, 37.9231** is the 20% darker color. If you saturate the color by 10%, you get **64.6222, 52.2609, 61.8791**, and if you desaturate by 10%, it is **79.5808, 75.9268, 86.1369**.

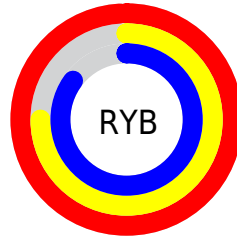
Distribution



Red (99%)

Green (75%)

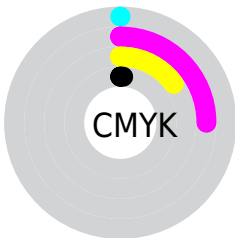
Blue (85%)



Red (99%)

Yellow (75%)

Blue (85%)

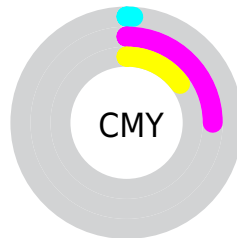


Cyan (0%)

Magenta (25%)

Yellow (15%)

Black (1%)



Cyan (1%)


Magenta (25%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.5335, 63.1021, 73.3754 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 71.5335, 63.1021, 73.3754 by changing the saturation by 10% instead.


 71.5335, 63.1021,
73.3754

 71.5335, 63.1021,
73.3754


455.0991,
435.9399, 491.4205

 53.0618, 45.9238,
53.7893


 120.4075,
109.3168, 125.7358

 38.0798, 32.1857,
38.0412


151.5404,
139.1220, 159.3473

 26.2221, 21.5034,
25.7126


187.6245,
173.9050, 198.4709

 17.1234, 13.4925,
16.3849

229.0250,
214.0501, 243.5252

 10.4184, 7.7685,
9.6396

276.1074,
259.9417, 294.9288

 5.7416, 3.9472,
5.0582

329.2370,

 2.7278, 1.6441,

311.9643, 353.1001

2.2221

388.7791,
370.5023, 418.4579

■ 1.0115, 0.3870,
0.6871

■ 0.0000, 0.0000,
0.0000

■ 71.5335, 63.1021,
73.3754

■ 71.5335, 63.1021,
73.3754

■ 64.6222, 52.2609,
61.8791

■ 79.5808, 75.9268,
86.1369

■ 58.7878, 43.2946,
51.6023

■ 88.8087, 90.8190,
100.1992

■ 53.9735, 36.0974,
42.5023

■ 94.3184, 99.6228,
108.8658

■ 50.1153, 30.5493,
34.5317

■ 47.1412, 26.5152,
27.6393

■ 44.9682, 23.8384,
21.7687

■ 43.4952, 22.3268,
16.8559

■ 42.9069, 21.8422,
14.5263

Harmonies

Analogous

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



69.0267, 63.1021, 90.1599



71.5335, 63.1021, 73.3754



70.7925, 63.1021, 57.7189

Triad

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



71.5335, 63.1021, 73.3754



56.0059, 63.1021, 43.3894



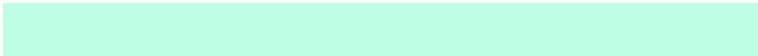
53.4089, 63.1021, 96.5037

Complementary

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



71.5335, 63.1021, 73.3754



70.6173, 86.9301, 86.4602

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.



50.3227, 63.1021, 81.0090



71.5335, 63.1021, 73.3754



51.7543, 63.1021, 50.9602

Square

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



71.5335, 63.1021, 73.3754



61.5852, 63.1021, 42.0105



49.7368, 63.1021, 64.2418



58.3964, 63.1021, 104.8339

Rectangle

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



71.5335, 63.1021, 73.3754



68.5758, 63.1021, 49.8181



49.7368, 63.1021, 64.2418



52.1282, 63.1021, 91.8537

Sweetspot

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



71.5353, 63.1050, 73.3767



87.9495, 88.4680, 98.3049



68.0940, 60.7146, 101.0595



18.6999, 18.7337, 20.8524



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.



71.5353, 63.1050, 73.3767



69.5150, 59.0245, 69.2685



69.6918, 64.2023, 58.0128



18.3128, 18.1085, 20.2646



22.8922, 11.6462, 8.0826



2.2813, 1.1549, 1.0626

Inverse Universe

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



71.5353, 63.1050, 73.3767



69.5150, 59.0245, 69.2685



72.7338, 85.2023, 105.5416



18.3128, 18.1085, 20.2646



22.8922, 11.6462, 8.0826



2.2813, 1.1549, 1.0626

Previews

White Background



This preview shows how the XYZ color 71.5335, 63.1021, 73.3754 looks on a white background.

Color Contrast Check

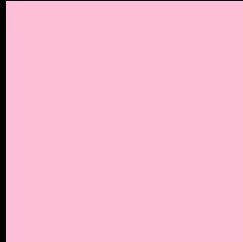
Large Text (above 18pt) WCAG AA × Fail

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 71.5335, 63.1021, 73.3754 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 71.5335, 63.1021, 73.3754

Background



This preview shows how black text looks on a background with the XYZ color 71.5335, 63.1021, 73.3754.



This preview shows how white text looks on a background with the XYZ color 71.5335, 63.1021,

73.3754.

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

71.5335, 63.1021, 73.3754

Protanopia

61.7724, 63.3820, 80.9297

Deuteranopia

64.6222, 63.2649, 72.4237



Tritanopia

70.2570, 62.8997, 67.4694

Trichromacy



Original Color

71.5335, 63.1021, 73.3754

Protanomaly

64.8119, 62.8945, 77.8311

Deuteranomaly

67.0519, 63.1273, 72.9408

Tritanomaly

70.6274, 63.0479, 69.4198

Monochromacy



Original Color

71.5335, 63.1021, 73.3754

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

65.2817, 64.3207, 71.9252

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.5335, 63.1021, 73.3754 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(253, 191, 216)` looks like.

```
.text, #text, p{  
    color:rgb(253, 191, 216)  
}
```

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(253, 191, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 191, 216) }
```

Border

The CSS property to change the border of an element to XYZ 71.5335, 63.1021, 73.3754 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(253, 191, 216) }
```


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

```
.border{ border-color:rgb(253, 191, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 191, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 191, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 191, 216);  
box-shadow:4px 4px 4px 4px rgb(253, 191,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 71.5335, 63.1021, 73.3754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 191, 216) }
```

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

```
.background{ background-color: rgb(253,  
191, 216) }
```

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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