

Converting Colors

XYZ(71.6050, 63.3026, 69.6624)

Have a look what the booklet for
XYZ(71.6050, 63.3026, 69.6624)
contains.

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Color

**XYZ(71.5037, 63.1747,
69.3981)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBFD2
RGB	255, 191, 210
RGB Percent	100%, 75%, 82%
CMY	0.0000, 0.2510, 0.1765
CMYK	0.00, 0.25, 0.18, 0.00
HSL	342°, 100%, 87%
HSV	342°, 25%, 100%
XYZ	71.5037, 63.1747, 69.3981
YIQ	212.3020, 32.0450, 19.4770

Conversions

Conversions Part 2

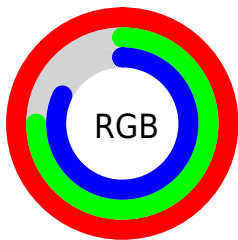
Format	Color
R_{YB}	255, 191, 210
Decimal	16760786
CIE _{Lab}	83.53, 25.72, -0.51
CIE _{LCh}	84, 25.722, 358.870
Yxy	63.1747, 0.3504, 0.3096
Android (android.graphics.Color)	4294950866 (0xFFFFBFD2)
YUV	212.3020, -1.1349, 37.4461
Hunter-Lab	79.4825, 21.4870, 3.8702

Details

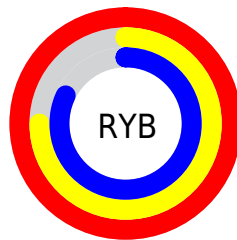
The XYZ color **71.5037, 63.1747, 69.3981** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.3883, 88.6535, 92.6570**, and the grayscale version is **62.7738, 66.0430, 71.9208**.

A 20% lighter version of the original color is **92.8574, 95.6148, 108.1691**, and **37.9724, 32.1619, 35.6590** is the 20% darker color. If you saturate the color by 10%, you get **64.3088, 52.1621, 56.5890**, and if you desaturate by 10%, it is **79.9199, 76.2291, 83.8509**.

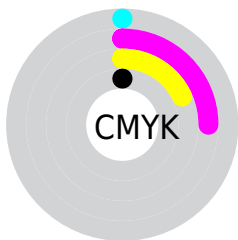
Distribution



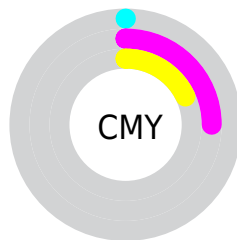
- Red (100%)
- Green (75%)
- Blue (82%)



- 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 71.5037, 63.1747, 69.3981 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 71.5037, 63.1747, 69.3981 by changing the saturation by 10% instead.


 71.5037, 63.1747,
69.3981

 71.5037, 63.1747,
69.3981


454.9968,
436.2032, 477.1657

 53.0374, 45.9826,
50.5622


 120.3653,
109.4215, 120.0231

 38.0602, 32.2321,
35.4860


151.4912,
139.2450, 152.6492

 26.2068, 21.5388,
23.7510


187.5678,
174.0476, 190.7092

 17.1119, 13.5184,
14.9385

228.9603,
214.2139, 234.6216

 10.4101, 7.7865,
8.6301

276.0341,
260.1283, 284.8049

 5.7361, 3.9586,
4.4072

329.1545,

 2.7244, 1.6504,

312.1750, 341.6776

1.8513

388.6870,
370.7385, 405.6584

■ 1.0097, 0.3913,
0.4615

■ 0.0000, 0.0000,
0.0000

■ 71.5037, 63.1747,
69.3981

■ 71.5037, 63.1747,
69.3981

■ 64.3088, 52.1621,
56.5890

■ 79.9199, 76.2291,
83.8509

■ 58.2726, 43.0794,
45.3597

■ 89.6074, 91.4132,
100.0003

■ 53.3330, 35.8165,
35.6476

95.0500, 100.0000,
108.9000

■ 49.4205, 30.2488,
27.3843

■ 46.4569, 26.2358,
20.4955

■ 44.3523, 23.6142,
14.8993

■ 42.9970, 22.1831,
10.5032

■ 42.5338, 21.7775,
8.7431

Harmonies

Analogous

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



69.7730, 63.1747, 86.0478



71.5037, 63.1747, 69.3981



70.0086, 63.1747, 54.9072

Triad

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



71.5037, 63.1747, 69.3981



54.9806, 63.1747, 45.1001



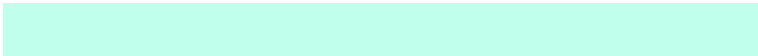
54.6336, 63.1747, 98.8050

Complementary

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



71.5037, 63.1747, 69.3981



72.3883, 88.6535, 92.6570

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.



51.0758, 63.1747, 84.8274



71.5037, 63.1747, 69.3981



51.2672, 63.1747, 54.0033

Square

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



71.5037, 63.1747, 69.3981



60.2588, 63.1747, 42.2650



49.8821, 63.1747, 68.1785



59.8330, 63.1747, 104.5765

Rectangle

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



71.5037, 63.1747, 69.3981



67.4333, 63.1747, 48.0203



49.8821, 63.1747, 68.1785



53.2183, 63.1747, 94.8131

Sweetspot

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



71.5051, 63.1774, 69.3994



86.6597, 86.7782, 95.1318



71.2084, 62.2832, 102.8765



18.2312, 18.0758, 19.8347



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.



71.5051, 63.1774, 69.3994



67.8271, 57.5270, 62.9154



72.1911, 68.1148, 58.6362



18.2312, 18.0758, 19.8347



22.2816, 11.4019, 4.8672



2.2150, 1.1284, 0.7137

Inverse Universe

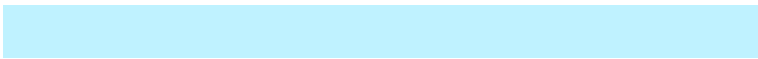
The Inverse Universe completely reimagines the original color for something new.



71.5051, 63.1774, 69.3994



67.8271, 57.5270, 62.9154



71.3494, 81.9212, 106.6596



18.2312, 18.0758, 19.8347



22.2816, 11.4019, 4.8672



2.2150, 1.1284, 0.7137

Previews

White Background



This preview shows how the XYZ color 71.5037, 63.1747, 69.3981 looks on a white background.

Color Contrast Check

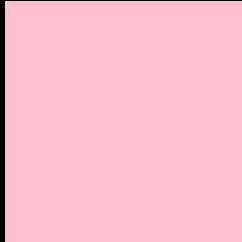
Large Text (above 18pt) WCAG AA × Fail

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 71.5037, 63.1747, 69.3981 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 71.5037, 63.1747, 69.3981

Background



This preview shows how black text looks on a background with the XYZ color 71.5037, 63.1747, 69.3981.



This preview shows how white text looks on a background with the XYZ color 71.5037, 63.1747,

69.3981.

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

71.5037, 63.1747, 69.3981

Protanopia

61.5256, 63.3483, 76.6948

Deuteranopia

64.8188, 63.4531, 68.5059



Tritanopia

71.2302, 63.4155, 66.8787

Trichromacy



Original Color

71.5037, 63.1747, 69.3981

Protanomaly

64.6453, 62.8999, 73.6995

Deuteranomaly

66.9626, 63.1688, 68.9851

Tritanomaly

71.3521, 63.4643, 67.5206

Monochromacy



Original Color

71.5037, 63.1747, 69.3981

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 71.5037, 63.1747, 69.3981 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, 210)` looks like.

```
.text, #text, p{  
    color:rgb(255, 191, 210)  
}
```

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, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 191, 210) }
```

Border

The CSS property to change the border of an element to XYZ 71.5037, 63.1747, 69.3981 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, 210) }
```


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

```
.border{ border-color:rgb(255, 191, 210) }
```

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, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 191, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 191, 210);  
box-shadow:4px 4px 4px 4px rgb(255, 191,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 71.5037, 63.1747, 69.3981 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, 210) }
```

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

```
.background{ background-color: rgb(255,  
191, 210) }
```

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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