

Converting Colors

XYZ(63.5921, 57.1167, 71.2106)

Have a look what the booklet for
XYZ(63.5921, 57.1167, 71.2106)
contains.

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Color

**XYZ(63.7475, 57.2151,
71.3021)**

Conversions

Conversions Part 1

Format	Color
Hex	EBB9D6
RGB	235, 185, 214
RGB Percent	92%, 73%, 84%
CMY	0.0784, 0.2745, 0.1608
CMYK	0.00, 0.21, 0.09, 0.08
HSL	325°, 56%, 82%
HSV	325°, 21%, 92%
XYZ	63.7475, 57.2151, 71.3021
YIQ	203.2560, 20.4910, 19.6190

Conversions

Conversions Part 2

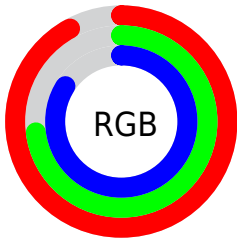
Format	Color
R _Y B	235, 185, 214
Decimal	15448534
CIE Lab	80.30, 22.58, -7.64
CIE LCh	80, 23.838, 341.301
Yxy	57.2151, 0.3316, 0.2976
Android (android.graphics.Color)	4293638614 (0xFFEBB9D6)
YUV	203.2560, 5.2968, 27.8395
Hunter-Lab	75.6407, 18.0629, -2.9408

Details

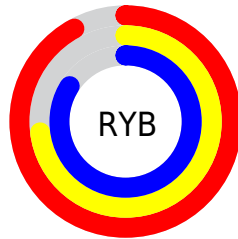
The XYZ color **63.7475, 57.2151, 71.3021** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **60.8588, 74.1887, 69.5082**, and the grayscale version is **56.8857, 59.8482, 65.1746**.

A 20% lighter version of the original color is **90.7453, 91.3906, 107.4651**, and **33.0997, 28.5894, 36.5747** is the 20% darker color. If you saturate the color by 10%, you get **58.0094, 47.6950, 63.3574**, and if you desaturate by 10%, it is **70.3778, 68.3959, 79.9225**.

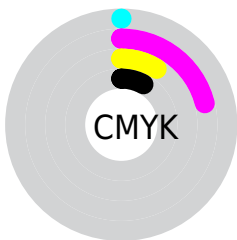
Distribution



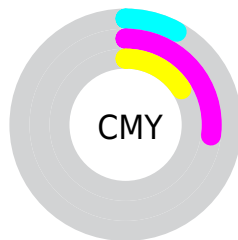
- Red (92%)
- Green (73%)
- Blue (84%)



- Red (92%)
- Yellow (73%)
- Blue (84%)



- Cyan (0%)
- Magenta (21%)
- Yellow (9%)
- Black (8%)



- Cyan (8%)
- Magenta (27%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.7475, 57.2151, 71.3021 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 63.7475, 57.2151, 71.3021 by changing the saturation by 10% instead.

63.7475, 57.2151,
71.3021

63.7475, 57.2151,
71.3021

427.8939,
414.2548, 484.0209

46.7071, 41.1780,
52.1054

109.3230,
100.7790, 122.7623

33.0112, 28.4582,
36.7063

138.5888,
129.0745, 155.8628

22.2943, 18.6713,
24.6862

172.6604,
162.2250, 194.4351

14.1911, 11.4330,
15.6265

211.9033,
200.6147, 238.8976

8.3363, 6.3589,
9.1088

256.6827,
244.6282, 289.6689

4.3645, 3.0645,
4.7144

307.3641,

1.9103, 1.1655,

294.6498, 347.1675

2.0249

364.3127,
351.0639, 411.8120

■ 0.5828, 0.0333,
0.5705

■ 0.0000, 0.0000,
0.0000

■ 63.7475, 57.2151,
71.3021

■ 63.7475, 57.2151,
71.3021

■ 58.0094, 47.6950,
63.3574

■ 70.3778, 68.3959,
79.9225

■ 53.1173, 39.7475,
56.0643

■ 77.9339, 81.3045,
89.2342

■ 49.0283, 33.2883,
49.4025

■ 86.2918, 95.6906,
99.2028

■ 45.6934, 28.2216,
43.3486

■ 87.8283, 96.3051,
107.2935

■ 43.0580, 24.4407,
37.8772

■ 88.0713, 96.4024,
108.5734

■ 41.0598, 21.8231,
32.9601

■ 39.6240, 20.2221,
28.5646

■ 38.7261, 19.4483,
25.1145

Harmonies

Analogous

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



60.8025, 57.2151, 84.7083



63.7475, 57.2151, 71.3021



64.0960, 57.2151, 57.1858

Triad

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



63.7475, 57.2151, 71.3021



52.5658, 57.2151, 39.5156



47.6418, 57.2151, 81.7389

Complementary

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



63.7475, 57.2151, 71.3021



60.8588, 74.1887, 69.5082

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.



45.7013, 57.2151, 67.7051



63.7475, 57.2151, 71.3021



48.4288, 57.2151, 44.2353

Square

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



63.7475, 57.2151, 71.3021



57.4406, 57.2151, 40.1808



45.9805, 57.2151, 54.0849



51.4324, 57.2151, 91.3273

Rectangle

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



63.7475, 57.2151, 71.3021



62.7861, 57.2151, 49.3709



45.9805, 57.2151, 54.0849



46.7621, 57.2151, 77.3039

Sweetspot

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



63.7492, 57.2177, 71.3033



89.3443, 90.2166, 101.9787



57.7540, 53.7969, 85.9380



18.9958, 19.0922, 21.6704



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.



63.7492, 57.2177, 71.3033



73.2592, 63.0807, 81.0975



60.8154, 56.0441, 55.8542



15.4318, 15.2006, 17.5590



21.6177, 10.8498, 14.3202



1.7454, 0.8711, 1.3764

Inverse Universe

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



63.7492, 57.2177, 71.3033



73.2592, 63.0807, 81.0975



64.1180, 75.4924, 86.6711



15.4318, 15.2006, 17.5590



21.6177, 10.8498, 14.3202



1.7454, 0.8711, 1.3764

Previews

White Background



This preview shows how the XYZ color 63.7475, 57.2151, 71.3021 looks on a white background.

Color Contrast Check

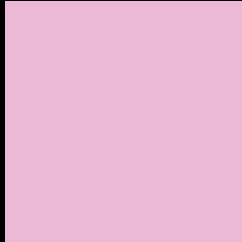
Large Text (above 18pt) WCAG AA × Fail

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 63.7475, 57.2151, 71.3021 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

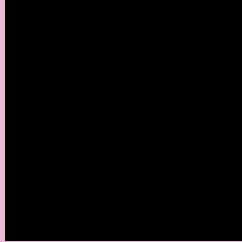
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.7475, 57.2151, 71.3021

Background



This preview shows how black text looks on a background with the XYZ color 63.7475, 57.2151, 71.3021.



This preview shows how white text looks on a background with the XYZ color 63.7475, 57.2151,

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

63.7475, 57.2151, 71.3021

Protanopia

56.1439, 57.3979, 77.2270

Deuteranopia

58.6160, 57.4832, 70.2933



Tritanopia

62.0353, 57.1286, 63.6344

Trichromacy



Original Color

63.7475, 57.2151, 71.3021

Protanomaly

58.4345, 56.9560, 74.9316

Deuteranomaly

60.4598, 57.4379, 70.8508

Tritanomaly

62.6312, 57.0665, 66.1064

Monochromacy



Original Color

63.7475, 57.2151, 71.3021

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

59.0267, 58.4319, 67.1989

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.7475, 57.2151, 71.3021 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(235, 185, 214)` looks like.

```
.text, #text, p{  
    color:rgb(235, 185, 214)  
}
```

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(235, 185, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 185, 214) }
```

Border

The CSS property to change the border of an element to XYZ 63.7475, 57.2151, 71.3021 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(235, 185, 214) }
```


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

```
.border{ border-color:rgb(235, 185, 214) }
```

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

Here you see how a box with a 4 pixel rgb(235, 185, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 185, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 185, 214);  
box-shadow:4px 4px 4px 4px rgb(235, 185,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 63.7475, 57.2151, 71.3021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 185, 214) }
```

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

```
.background{ background-color: rgb(235,  
185, 214) }
```

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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