

Converting Colors

XYZ(63.9185, 60.9262, 74.6840)

Have a look what the booklet for
XYZ(63.9185, 60.9262, 74.6840)
contains.

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Color

**XYZ(63.7588, 60.7106,
74.6875)**

Conversions

Conversions Part 1

Format	Color
Hex	E2C4DA
RGB	226, 196, 218
RGB Percent	89%, 77%, 85%
CMY	0.1137, 0.2314, 0.1451
CMYK	0.00, 0.13, 0.04, 0.11
HSL	316°, 34%, 83%
HSV	316°, 13%, 89%
XYZ	63.7588, 60.7106, 74.6875
YIQ	207.4780, 10.8180, 13.2020

Conversions

Conversions Part 2

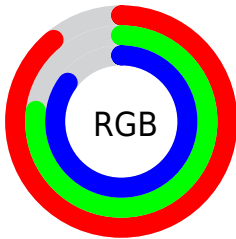
Format	Color
R _Y B	226, 196, 218
Decimal	14861530
CIE Lab	82.22, 14.32, -7.03
CIE LCh	82, 15.954, 333.838
Yxy	60.7106, 0.3201, 0.3048
Android (android.graphics.Color)	4293051610 (0xFFE2C4DA)
YUV	207.4780, 5.1873, 16.2438
Hunter-Lab	77.9170, 9.7102, -2.2906

Details

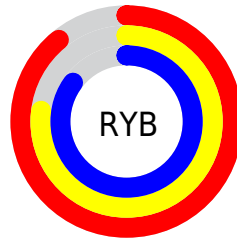
The XYZ color **63.7588, 60.7106, 74.6875** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **60.8627, 70.4897, 67.5281**, and the grayscale version is **59.5806, 62.6835, 68.2623**.

A 20% lighter version of the original color is **94.4153, 98.7306, 108.6884**, and **33.0784, 30.6483, 38.8226** is the 20% darker color. If you saturate the color by 10%, you get **58.2661, 50.9639, 69.0361**, and if you desaturate by 10%, it is **70.0515, 72.0098, 80.7486**.

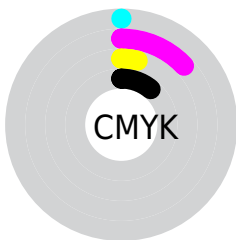
Distribution



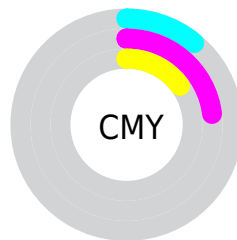
- Red (89%)
- Green (77%)
- Blue (85%)



- Red (89%)
- Yellow (77%)
- Blue (85%)



- Cyan (0%)
- Magenta (13%)
- Yellow (4%)
- Black (11%)



- Cyan (11%)
- Magenta (23%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.7588, 60.7106, 74.6875 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 63.7588, 60.7106, 74.6875 by changing the saturation by 10% instead.

63.7588, 60.7106,
74.6875

63.7588, 60.7106,
74.6875

427.9341,
427.2121, 496.0695

46.7163, 43.9917,
54.8567

109.3392,
105.8598, 127.6129

33.0184, 30.6639,
38.8892

138.6078,
135.0588, 161.5447

22.2999, 20.3431,
26.3664

172.6824,
169.1867, 201.0138

14.1952, 12.6447,
16.8697

211.9285,
208.6278, 246.4389

8.3392, 7.1843,
9.9807

256.7113,
253.7664, 298.2385

4.3664, 3.5776,
5.2807

307.3963,

1.9114, 1.4402,

304.9871, 356.8311

2.3513

364.3488,
362.6742, 422.6352

■ 0.5835, 0.2461,
0.7597

■ 0.0000, 0.0000,
0.0000

■ 63.7588, 60.7106,
74.6875

■ 63.7588, 60.7106,
74.6875

■ 58.2661, 50.9639,
69.0361

■ 70.0515, 72.0098,
80.7486

■ 53.5337, 42.6931,
63.7774

■ 77.1714, 84.9177,
87.2276

■ 49.5262, 35.8272,
58.8990

■ 82.2768, 93.7499,
93.1796

■ 46.2032, 30.2859,
54.3857

■ 83.1680, 94.1064,
97.8727

43.5204, 25.9812,
50.2213

84.0891, 94.4748,
102.7230

41.4281, 22.8139,
46.3875

85.0403, 94.8553,
107.7320

39.8688, 20.6697,
42.8637

85.1744, 94.9089,
108.4378

38.7732, 19.4104,
39.6251

38.2222, 18.9121,
37.5810

Harmonies

Analogous

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



61.4128, 60.7106, 82.8670



63.7588, 60.7106, 74.6875



64.4600, 60.7106, 64.8609

Triad

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



63.7588, 60.7106, 74.6875



57.2681, 60.7106, 49.1605



52.4531, 60.7106, 77.0618

Complementary

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



63.7588, 60.7106, 74.6875



60.8627, 70.4897, 67.5281

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.



51.4366, 60.7106, 67.3619



63.7588, 60.7106, 74.6875



54.1468, 60.7106, 51.7685

Square

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



63.7588, 60.7106, 74.6875



60.6278, 60.7106, 50.7133



52.0445, 60.7106, 58.2038



54.8750, 60.7106, 84.3294

Rectangle

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



63.7588, 60.7106, 74.6875



63.8784, 60.7106, 58.8369



52.0445, 60.7106, 58.2038



51.9402, 60.7106, 73.9451

Sweetspot

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



63.7606, 60.7133, 74.6888



91.4470, 93.4899, 105.5536



58.3718, 57.8113, 80.0344



19.4326, 19.7569, 22.4602



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.



63.7606, 60.7133, 74.6888



81.6844, 75.9933, 96.0454



61.8855, 59.9632, 64.8150



14.1308, 13.8700, 16.4591



21.8573, 10.8099, 21.7119



1.5515, 0.7639, 1.6972

Inverse Universe

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



63.7606, 60.7133, 74.6888



81.6844, 75.9933, 96.0454



62.7495, 71.2444, 77.4635



14.1308, 13.8700, 16.4591



21.8573, 10.8099, 21.7119



1.5515, 0.7639, 1.6972

Previews

White Background



This preview shows how the XYZ color 63.7588, 60.7106, 74.6875 looks on a white background.

Color Contrast Check

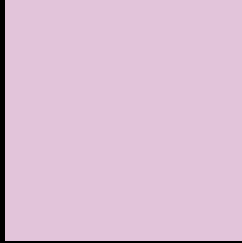
Large Text (above 18pt) WCAG AA × Fail

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 63.7588, 60.7106, 74.6875 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 63.7588, 60.7106, 74.6875

Background



This preview shows how black text looks on a background with the XYZ color 63.7588, 60.7106, 74.6875.



This preview shows how white text looks on a background with the XYZ color 63.7588, 60.7106,

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

63.7588, 60.7106, 74.6875

Protanopia

59.3038, 60.7361, 78.4096

Deuteranopia

62.1612, 60.9167, 74.1275



Tritanopia

62.9013, 60.6935, 70.6871

Trichromacy



Original Color

63.7588, 60.7106, 74.6875

Protanomaly

60.5694, 60.3779, 76.8684

Deuteranomaly

62.8427, 60.9275, 74.0937

Tritanomaly

63.1552, 60.7951, 72.0243

Monochromacy



Original Color

63.7588, 60.7106, 74.6875

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

60.8454, 61.7112, 70.3326

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.7588, 60.7106, 74.6875 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(226, 196, 218)` looks like.

```
.text, #text, p{  
    color:rgb(226, 196, 218)  
}
```

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(226, 196, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 196, 218) }
```

Border

The CSS property to change the border of an element to XYZ 63.7588, 60.7106, 74.6875 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(226, 196, 218) }
```


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

```
.border{ border-color:rgb(226, 196, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 196, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 196, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 196, 218);  
box-shadow:4px 4px 4px 4px rgb(226, 196,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 63.7588, 60.7106, 74.6875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 196, 218) }
```

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

```
.background{ background-color: rgb(226,  
196, 218) }
```

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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