

Converting Colors

XYZ(64.6895, 61.7789, 76.1223)

Have a look what the booklet for
XYZ(64.6895, 61.7789, 76.1223)
contains.

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Color

**XYZ(64.7909, 61.8864,
76.2406)**

Conversions

Conversions Part 1

Format	Color
Hex	E3C6DC
RGB	227, 198, 220
RGB Percent	89%, 78%, 86%
CMY	0.1098, 0.2235, 0.1372
CMYK	0.00, 0.13, 0.03, 0.11
HSL	314°, 34%, 83%
HSV	314°, 13%, 89%
XYZ	64.7909, 61.8864, 76.2406
YIQ	209.1790, 10.2220, 12.9900

Conversions

Conversions Part 2

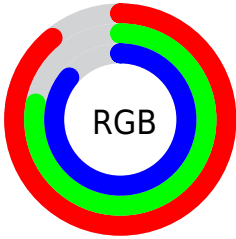
Format	Color
R_{YB}	227, 198, 220
Decimal	14927580
CIE _{Lab}	82.85, 13.95, -7.16
CIE _{LCh}	83, 15.684, 332.828
Yxy	61.8864, 0.3193, 0.3050
Android (android.graphics.Color)	4293117660 (0xFFE3C6DC)
YUV	209.1790, 5.3348, 15.6290
Hunter-Lab	78.6679, 9.3438, -2.3931

Details

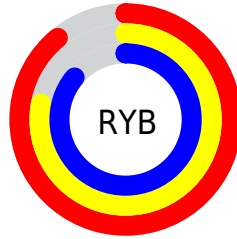
The XYZ color **64.7909, 61.8864, 76.2406** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **61.7796, 71.3534, 68.2774**, and the grayscale version is **60.6843, 63.8446, 69.5268**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.5594, 31.3211, 39.8741** is the 20% darker color. If you saturate the color by 10%, you get **59.2727, 51.9917, 70.8794**, and if you desaturate by 10%, it is **71.1141, 73.3512, 81.9890**.

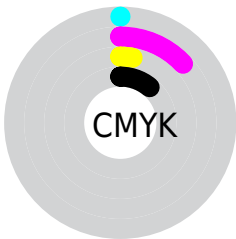
Distribution



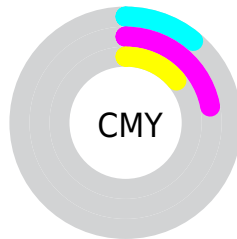
- Red (89%)
- Green (78%)
- Blue (86%)



- Red (89%)
- Yellow (78%)
- Blue (86%)



- Cyan (0%)
- Magenta (13%)
- Yellow (3%)
- Black (11%)



- Cyan (11%)
- Magenta (22%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.7909, 61.8864, 76.2406 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 64.7909, 61.8864, 76.2406 by changing the saturation by 10% instead.

64.7909, 61.8864,
76.2406

64.7909, 61.8864,
76.2406

431.5973,
431.5166, 501.5397

47.5556, 44.9409,
56.1220

110.8166,
107.5613, 129.8302

33.6849, 31.4109,
39.8961

140.3377,
137.0596, 164.1382

22.8134, 20.9119,
27.1444

174.6847,
171.5108, 204.0131

14.5757, 13.0596,
17.4483

214.2231,
211.2995, 249.8734

8.6065, 7.4696,
10.3893

259.3183,
256.8101, 302.1377

4.5405, 3.7575,
5.5489

310.3354,

2.0122, 1.5389,

308.4268, 361.2244

2.5084

367.6400,
366.5342, 427.5523

0.6408, 0.3158,
0.8446

0.0000, 0.0000,
0.0000

64.7909, 61.8864,
76.2406

64.7909, 61.8864,
76.2406

59.2727, 51.9917,
70.8794

71.1141, 73.3512,
81.9890

54.5194, 43.5900,
65.8886

78.2694, 86.4427,
88.1326

50.4955, 36.6097,
61.2562

82.6435, 93.9329,
93.4686

47.1604, 30.9702,
56.9674

83.4542, 94.2572,
97.7375

44.4698, 26.5829,
53.0063

84.2895, 94.5913,
102.1363

42.3736, 23.3482,
49.3551

85.1497, 94.9354,
106.6661

40.8143, 21.1516,
45.9933

85.4889, 95.0711,
108.4525

39.7227, 19.8547,
42.8967

39.1447, 19.3174,
40.7965

Harmonies

Analogous

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



62.4131, 61.8864, 84.2549



64.7909, 61.8864, 76.2406



65.5499, 61.8864, 66.4702

Triad

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



64.7909, 61.8864, 76.2406



58.5013, 61.8864, 50.4597



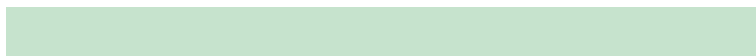
53.5302, 61.8864, 77.9797

Complementary

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



64.7909, 61.8864, 76.2406



61.7796, 71.3534, 68.2774

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.



52.5694, 61.8864, 68.3057



64.7909, 61.8864, 76.2406



55.3698, 61.8864, 52.9300

Square

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



64.7909, 61.8864, 76.2406



61.8375, 61.8864, 52.1525



53.2299, 61.8864, 59.2409



55.9046, 61.8864, 85.3246

Rectangle

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



64.7909, 61.8864, 76.2406



65.0131, 61.8864, 60.4214



53.2299, 61.8864, 59.2409



53.0354, 61.8864, 74.8614

Sweetspot

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



64.7927, 61.8891, 76.2419



91.4880, 93.5063, 105.7694



59.1743, 58.8833, 80.9207



19.4430, 19.7610, 22.5150



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.



64.7927, 61.8891, 76.2419



82.5871, 77.3964, 97.5868



62.9830, 61.1652, 66.7120



14.8386, 14.5526, 17.3502



22.8770, 11.2850, 24.0452



1.7263, 0.8482, 1.9652

Inverse Universe

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



64.7927, 61.8891, 76.2419



82.5871, 77.3964, 97.5868



63.5812, 72.0740, 77.7642



14.8386, 14.5526, 17.3502



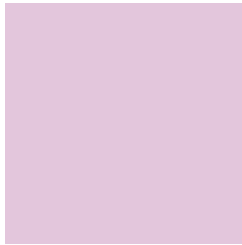
22.8770, 11.2850, 24.0452



1.7263, 0.8482, 1.9652

Previews

White Background



This preview shows how the XYZ color 64.7909, 61.8864, 76.2406 looks on a white background.

Color Contrast Check

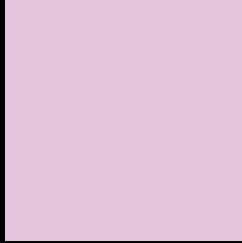
Large Text (above 18pt) WCAG AA × Fail

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 64.7909, 61.8864, 76.2406 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 64.7909, 61.8864, 76.2406

Background



This preview shows how black text looks on a background with the XYZ color 64.7909, 61.8864, 76.2406.



This preview shows how white text looks on a background with the XYZ color 64.7909, 61.8864,

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

64.7909, 61.8864, 76.2406

Protanopia

60.4627, 62.0236, 79.3060

Deuteranopia

63.0877, 61.6915, 76.2927



Tritanopia

63.9251, 61.8706, 72.1913

Trichromacy



Original Color

64.7909, 61.8864, 76.2406

Protanomaly

61.8804, 61.7149, 78.4628

Deuteranomaly

63.7731, 61.7021, 76.2586

Tritanomaly

64.1821, 61.9735, 73.5451

Monochromacy



Original Color

64.7909, 61.8864, 76.2406

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

62.1605, 63.0657, 71.8475

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.7909, 61.8864, 76.2406 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(227, 198, 220)` looks like.

```
.text, #text, p{  
    color:rgb(227, 198, 220)  
}
```

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(227, 198, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 198, 220) }
```

Border

The CSS property to change the border of an element to XYZ 64.7909, 61.8864, 76.2406 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(227, 198, 220) }
```


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

```
.border{ border-color:rgb(227, 198, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 198, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 198, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 198, 220);  
box-shadow:4px 4px 4px 4px rgb(227, 198,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 64.7909, 61.8864, 76.2406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 198, 220) }
```

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

```
.background{ background-color: rgb(227,  
198, 220) }
```

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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