

Converting Colors

XYZ(62.3610, 57.4947, 77.4531)

Have a look what the booklet for
XYZ(62.3610, 57.4947, 77.4531)
contains.

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Color

**XYZ(62.5682, 57.7305,
77.6574)**

Conversions

Conversions Part 1

Format	Color
Hex	E1BDDF
RGB	225, 189, 223
RGB Percent	88%, 74%, 87%
CMY	0.1176, 0.2588, 0.1255
CMYK	0.00, 0.16, 0.01, 0.12
HSL	303°, 37%, 81%
HSV	303°, 16%, 88%
XYZ	62.5682, 57.7305, 77.6574
YIQ	203.6400, 10.5420, 18.2060

Conversions

Conversions Part 2

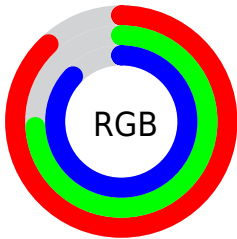
Format	Color
R _Y B	225, 189, 223
Decimal	14794207
CIE Lab	80.59, 18.62, -12.16
CIE LCh	81, 22.240, 326.857
Yxy	57.7305, 0.3161, 0.2916
Android (android.graphics.Color)	4292984287 (0xFFE1BDDF)
YUV	203.6400, 9.5445, 18.7327
Hunter-Lab	75.9806, 14.0245, -7.4121

Details

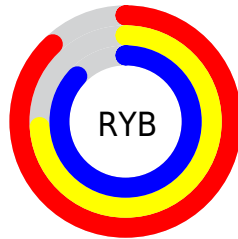
The XYZ color **62.5682, 57.7305, 77.6574** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **57.3177, 68.4325, 59.4812**, and the grayscale version is **57.1059, 60.0798, 65.4270**.

A 20% lighter version of the original color is **91.9424, 93.7848, 107.8641**, and **32.2342, 28.8705, 40.9194** is the 20% darker color. If you saturate the color by 10%, you get **57.9314, 48.7248, 75.2838**, and if you desaturate by 10%, it is **67.9605, 68.2433, 80.2903**.

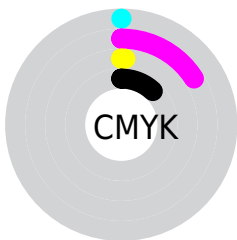
Distribution



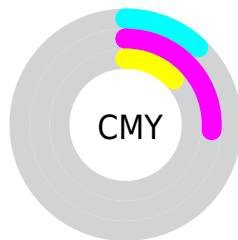
- Red (88%)
- Green (74%)
- Blue (87%)



- Red (88%)
- Yellow (74%)
- Blue (87%)



- Cyan (0%)
- Magenta (16%)
- Yellow (1%)
- Black (12%)



- Cyan (12%)
- Magenta (26%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.5682, 57.7305, 77.6574 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 62.5682, 57.7305, 77.6574 by changing the saturation by 10% instead.

62.5682, 57.7305,
77.6574

62.5682, 57.7305,
77.6574

423.6853,
416.1810, 506.4996

45.7493, 41.5920,
57.2778

107.6316,
101.5303, 131.8485

32.2518, 28.7820,
40.8175

136.6069,
129.9604, 166.4971

21.7104, 18.9159,
27.8579

170.3650,
163.2565, 206.7392

13.7597, 11.6096,
17.9804

209.2712,
201.8031, 252.9932

8.0343, 6.4784,
10.7666

253.6910,
245.9844, 305.6777

4.1689, 3.1381,
5.7980

303.9898,

1.7981, 1.2043,

296.1848, 365.2112

2.6558

360.5327,
352.7889, 432.0123

■ 0.5165, 0.0652,
0.9211

■ 0.0000, 0.0000,
0.0000

■ 62.5682, 57.7305,
77.6574

■ 62.5682, 57.7305,
77.6574

■ 57.9314, 48.7248,
75.2838

■ 67.9605, 68.2433,
80.2903

■ 54.0105, 41.1497,
73.1543

■ 74.1353, 80.3202,
83.1895

■ 50.7698, 34.9332,
71.2577

■ 80.6426, 93.0601,
86.2057

■ 48.1689, 29.9943,
69.5805

■ 80.8156, 93.1293,
87.1166

46.1630, 26.2432,
68.1076

80.9899, 93.1990,
88.0342

44.7012, 23.5785,
66.8222

81.1654, 93.2692,
88.9584

43.7245, 21.8821,
65.7046

81.3421, 93.3399,
89.8892

43.1596, 21.0073,
64.7303

81.5202, 93.4111,
90.8267

42.9985, 20.7864,
64.3637

81.6995, 93.4828,
91.7708

Harmonies

Analogous

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



58.9403, 57.7305, 88.1094



62.5682, 57.7305, 77.6574



64.1280, 57.7305, 64.2497

Triad

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



62.5682, 57.7305, 77.6574



55.3547, 57.7305, 40.9168



47.3940, 57.7305, 74.9360

Complementary

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



62.5682, 57.7305, 77.6574



57.3177, 68.4325, 59.4812

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.



46.5508, 57.7305, 61.4879



62.5682, 57.7305, 77.6574



50.9936, 57.7305, 42.9617

Square

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



62.5682, 57.7305, 77.6574



59.8206, 57.7305, 44.0421



47.8327, 57.7305, 50.0707



50.2025, 57.7305, 86.3912

Rectangle

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



62.5682, 57.7305, 77.6574



63.7243, 57.7305, 55.8350



47.8327, 57.7305, 50.0707



46.8784, 57.7305, 70.4480

Sweetspot

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



62.5699, 57.7330, 77.6586



91.0027, 92.0876, 106.9892



53.2264, 52.8849, 78.6376



19.3612, 19.4817, 22.8442



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.



62.5699, 57.7330, 77.6586



81.0635, 72.7157, 102.1145



60.2945, 56.8228, 65.6765



14.2604, 13.9218, 17.1415



24.7920, 11.9838, 37.1662



1.7286, 0.8347, 2.6298

Inverse Universe

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



62.5699, 57.7330, 77.6586



81.0635, 72.7157, 102.1145



59.3974, 69.2643, 70.4326



14.2604, 13.9218, 17.1415



24.7920, 11.9838, 37.1662



1.7286, 0.8347, 2.6298

Previews

White Background



This preview shows how the XYZ color 62.5682, 57.7305, 77.6574 looks on a white background.

Color Contrast Check

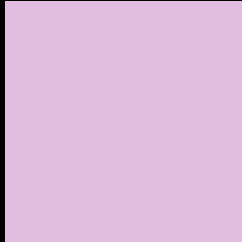
Large Text (above 18pt) WCAG AA × Fail

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 62.5682, 57.7305, 77.6574 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

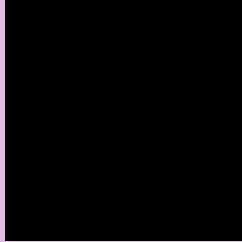
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.5682, 57.7305, 77.6574

Background



This preview shows how black text looks on a background with the XYZ color 62.5682, 57.7305, 77.6574.



This preview shows how white text looks on a background with the XYZ color 62.5682, 57.7305,

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

62.5682, 57.7305, 77.6574

Protanopia

57.0720, 58.1061, 82.3363

Deuteranopia

59.2783, 58.0058, 77.1792



Tritanopia

60.5435, 57.8922, 67.0148

Trichromacy



Original Color

62.5682, 57.7305, 77.6574

Protanomaly

58.8338, 57.6981, 80.7090

Deuteranomaly

60.2791, 57.8609, 77.0985

Tritanomaly

61.3815, 57.9130, 70.8940

Monochromacy



Original Color

62.5682, 57.7305, 77.6574

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

59.3327, 59.5470, 69.9946

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.5682, 57.7305, 77.6574 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(225, 189, 223)` looks like.

```
.text, #text, p{  
    color:rgb(225, 189, 223)  
}
```

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(225, 189, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 189, 223) }
```

Border

The CSS property to change the border of an element to XYZ 62.5682, 57.7305, 77.6574 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(225, 189, 223) }
```


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

```
.border{ border-color:rgb(225, 189, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 189, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 189, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 189, 223); box-shadow:4px 4px 4px 4px rgb(225, 189, 223) }
```

Background

The CSS property to change the background color of an element to XYZ 62.5682, 57.7305, 77.6574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 189, 223) }
```

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

```
.background{ background-color: rgb(225,  
189, 223) }
```

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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