

Converting Colors

XYZ(57.5749, 54.1004, 77.0536)

Have a look what the booklet for
XYZ(57.5749, 54.1004, 77.0536)
contains.

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Color

**XYZ(57.7422, 54.2944,
77.2486)**

Conversions

Conversions Part 1

Format	Color
Hex	D3BADF
RGB	211, 186, 223
RGB Percent	83%, 73%, 87%
CMY	0.1725, 0.2706, 0.1255
CMYK	0.05, 0.17, 0.00, 0.13
HSL	281°, 37%, 80%
HSV	281°, 17%, 87%
XYZ	57.7422, 54.2944, 77.2486
YIQ	197.6930, 3.0230, 16.8070

Conversions

Conversions Part 2

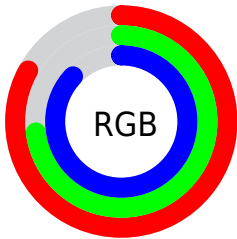
Format	Color
R_{YB}	211, 186, 223
Decimal	13875935
CIE _{Lab}	78.63, 15.57, -15.22
CIE _{LCh}	79, 21.770, 315.653
Yxy	54.2944, 0.3051, 0.2868
Android (android.graphics.Color)	4292066015 (0xFFD3BADF)
YUV	197.6930, 12.4764, 11.6702
Hunter-Lab	73.6847, 10.9312, -10.5783

Details

The XYZ color **57.7422, 54.2944, 77.2486** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **58.5412, 68.3277, 56.5601**, and the grayscale version is **53.4170, 56.1989, 61.2006**.

A 20% lighter version of the original color is **91.0421, 91.9843, 107.5640**, and **29.1657, 26.6701, 40.6564** is the 20% darker color. If you saturate the color by 10%, you get **51.3807, 44.5778, 75.7092**, and if you desaturate by 10%, it is **64.9334, 65.5299, 79.0391**.

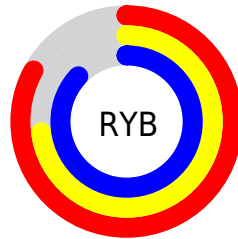
Distribution



Red (83%)

Green (73%)

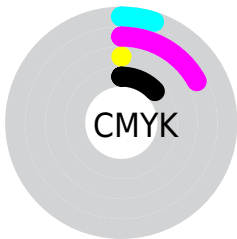
Blue (87%)



Red (83%)

Yellow (73%)

Blue (87%)

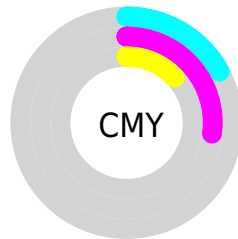


Cyan (5%)

Magenta (17%)

Yellow (0%)

Black (13%)



Cyan (17%)

Magenta (27%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.7422, 54.2944, 77.2486 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 57.7422, 54.2944, 77.2486 by changing the saturation by 10% instead.

■ 57.7422, 54.2944,
77.2486

■ 57.7422, 54.2944,
77.2486

406.1940,
403.2317, 505.0714

■ 41.8439, 38.8371,
56.9442

■ 100.6725, 96.5064,
131.2666

■ 29.1696, 26.6330,
40.5513

128.4351,
124.0298, 165.8172

■ 19.3541, 17.2978,
27.6516

160.8833,
156.3441, 205.9535

■ 12.0320, 10.4470,
17.8265

198.3823,
193.8336, 252.0943

■ 6.8378, 5.6964,
10.6573

241.2975,
236.8827, 304.6579

■ 3.4063, 2.6613,
5.7256

289.9943,

■ 1.3721, 0.9576,

285.8758, 364.0629

2.6129

344.8380,
341.1973, 430.7279

■ 0.2362, 0.0000,
0.8991

■ 0.0000, 0.0000,
0.0000

■ 57.7422, 54.2944,
77.2486

■ 57.7422, 54.2944,
77.2486

■ 51.3807, 44.5778,
75.7092

■ 64.9334, 65.5299,
79.0391

■ 45.8088, 36.3048,
74.4060

■ 72.9822, 78.3415,
81.0877

■ 40.9904, 29.4040,
73.3280

■ 81.9212, 92.7916,
83.4058

■ 36.8842, 23.7947,
72.4617

■ 84.9918, 95.3613,
83.7399

■ 33.4449, 19.3882,
71.7924

■ 87.4957, 96.6521,
83.8571

■ 30.6211, 16.0836,
71.3034

■ 90.0985, 97.9939,
83.9789

■ 28.3531, 13.7635,
70.9751

■ 90.3194, 98.1078,
83.9893

■ 26.5653, 12.2788,
70.7828

■ 26.0215, 11.8759,
70.7337

Harmonies

Analogous

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



53.8667, 54.2944, 84.9557



57.7422, 54.2944, 77.2486



60.0310, 54.2944, 65.1770

Triad

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



57.7422, 54.2944, 77.2486



53.6798, 54.2944, 39.0280



44.0510, 54.2944, 65.7344

Complementary

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



57.7422, 54.2944, 77.2486



58.5412, 68.3277, 56.5601

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.



44.0072, 54.2944, 53.4454



57.7422, 54.2944, 77.2486



49.4079, 54.2944, 39.1339

Square

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



57.7422, 54.2944, 77.2486



57.5988, 54.2944, 43.7587



45.9192, 54.2944, 44.0714



46.0425, 54.2944, 77.7052

Rectangle

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



57.7422, 54.2944, 77.2486



60.2719, 54.2944, 56.8171



45.9192, 54.2944, 44.0714



43.8119, 54.2944, 61.4789

Sweetspot

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



57.7438, 54.2967, 77.2498



89.6115, 91.3573, 107.5184



53.8414, 56.3098, 77.8440



19.0221, 19.3037, 22.9734



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.



57.7438, 54.2967, 77.2498



75.0570, 68.6624, 103.9050



60.4946, 55.8091, 73.1171



13.8403, 13.7012, 17.3028



15.4232, 7.0463, 41.5955



1.1616, 0.5361, 2.8875

Inverse Universe

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



58.1852, 54.8853, 60.9557



75.8229, 69.6418, 77.5324



56.1722, 67.0290, 59.9457



13.8896, 13.7735, 15.1887



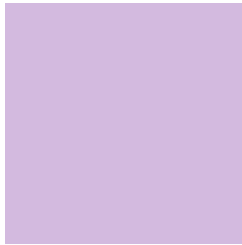
18.6334, 9.5204, 4.7352



1.3317, 0.6759, 0.5394

Previews

White Background



This preview shows how the XYZ color 57.7422, 54.2944, 77.2486 looks on a white background.

Color Contrast Check

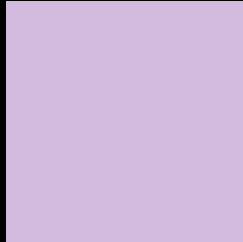
Large Text (above 18pt) WCAG AA × Fail

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 57.7422, 54.2944, 77.2486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

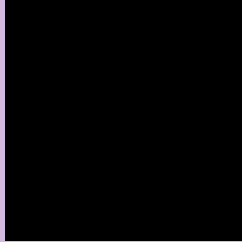
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.7422, 54.2944, 77.2486

Background



This preview shows how black text looks on a background with the XYZ color 57.7422, 54.2944, 77.2486.



This preview shows how white text looks on a background with the XYZ color 57.7422, 54.2944,

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

57.7422, 54.2944, 77.2486

Protanopia

53.8126, 54.4327, 81.0691

Deuteranopia

55.6857, 54.5183, 76.6954



Tritanopia

55.1091, 54.1647, 64.6770

Trichromacy



Original Color

57.7422, 54.2944, 77.2486

Protanomaly

54.9059, 54.0537, 79.4911

Deuteranomaly

56.5592, 54.6483, 76.6744

Tritanomaly

56.0356, 54.2249, 69.1411

Monochromacy



Original Color

57.7422, 54.2944, 77.2486

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

55.1829, 55.7851, 66.8906

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.7422, 54.2944, 77.2486 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(211, 186, 223)` looks like.

```
.text, #text, p{  
    color:rgb(211, 186, 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(211, 186, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 186, 223) }
```

Border

The CSS property to change the border of an element to XYZ 57.7422, 54.2944, 77.2486 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(211, 186, 223) }
```


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

```
.border{ border-color:rgb(211, 186, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 186, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 186, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 186, 223);  
box-shadow:4px 4px 4px 4px rgb(211, 186,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 57.7422, 54.2944, 77.2486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 186, 223) }
```

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

```
.background{ background-color: rgb(211,  
186, 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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