

Converting Colors

XYZ(61.8498, 53.9888,
100.5252)

Have a look what the booklet for
XYZ(61.8498, 53.9888, 100.5252)
contains.

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Color

**XYZ(61.9422, 54.0944,
100.9425)**

Conversions

Conversions Part 1

Format	Color
Hex	D6B4FE
RGB	214, 180, 254
RGB Percent	84%, 71%, 100%
CMY	0.1608, 0.2941, 0.0039
CMYK	0.16, 0.29, 0.00, 0.00
HSL	268°, 97%, 85%
HSV	268°, 29%, 100%
XYZ	61.9422, 54.0944, 100.9425
YIQ	198.6020, -3.4900, 30.2220

Conversions

Conversions Part 2

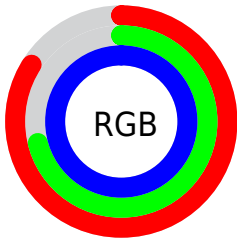
Format	Color
RYB	214, 180, 254
Decimal	14071038
CIELab	78.52, 26.10, -32.06
CIELCh	79, 41.335, 309.150
Yxy	54.0944, 0.2855, 0.2493
Android (android.graphics.Color)	4292261118 (0xFFD6B4FE)
YUV	198.6020, 27.3112, 13.5040
Hunter-Lab	73.5489, 21.6205, -29.8886

Details

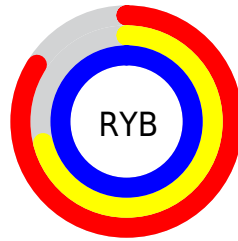
The XYZ color **61.9422, 54.0944, 100.9425** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **73.1969, 89.3959, 56.5796**, and the grayscale version is **53.8847, 56.6909, 61.7364**.

A 20% lighter version of the original color is **89.2855, 88.4709, 106.9785**, and **31.7680, 26.4791, 56.2599** is the 20% darker color. If you saturate the color by 10%, you get **53.4374, 42.7839, 99.2085**, and if you desaturate by 10%, it is **71.7278, 67.4625, 103.0079**.

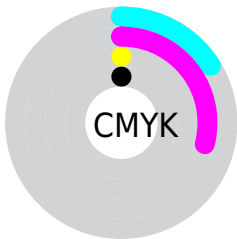
Distribution



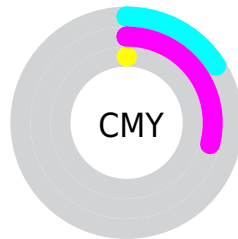
- Red (84%)
- Green (71%)
- Blue (100%)



- Red (84%)
- Yellow (71%)
- Blue (100%)



- Cyan (16%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)




- Cyan (16%)
- Magenta (29%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.9422, 54.0944, 100.9425 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 61.9422, 54.0944, 100.9425 by changing the saturation by 10% instead.


 61.9422, 54.0944,
100.9425

 61.9422, 54.0944,
100.9425

421.4411,
402.4699, 584.4827

 45.2414, 38.6771,
76.4666


 106.7324, 96.2128,
164.5149

 31.8497, 26.5087,
56.3063


135.5525,
123.6828, 204.4486

 21.4017, 17.2046,
40.0429


169.1432,
155.9391, 250.3719

 13.5321, 10.3804,
27.2579

207.8696,
193.3662, 302.7035

 7.8755, 5.6519,
17.5329

252.0973,
236.3484, 361.8618

 4.0665, 2.6346,
10.4492

302.1916,

 1.7398, 0.9441,

285.2702, 428.2654

5.5883

358.5177,
340.5159, 502.3329

■ 0.4810, 0.0000,
2.5317

■ 0.0000, 0.0000,
0.8569

■ 61.9422, 54.0944,
100.9425

■ 61.9422, 54.0944,
100.9425

■ 53.4374, 42.7839,
99.2085

■ 71.7278, 67.4625,
103.0079

■ 46.1485, 33.4174,
97.7847

■ 82.8445, 82.9806,
105.4173

■ 40.0124, 25.8800,
96.6533

94.8896, 99.9358,
108.0551

■ 34.9572, 20.0416,
95.7928

■ 30.9022, 15.7542,
95.1790

■ 27.7523, 12.8428,
94.7830

■ 25.3702, 11.0477,
94.5621

■ 25.1857, 10.9171,
94.5466

Harmonies

Analogous

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



53.9442, 54.0944, 115.1555



61.9422, 54.0944, 100.9425



67.4707, 54.0944, 76.3353

Triad

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



61.9422, 54.0944, 100.9425



57.1887, 54.0944, 26.1586



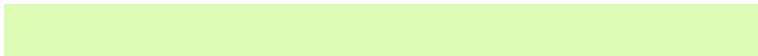
37.4604, 54.0944, 66.3185

Complementary

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



61.9422, 54.0944, 100.9425



73.1969, 89.3959, 56.5796

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.



38.1329, 54.0944, 44.3442



61.9422, 54.0944, 100.9425



48.9663, 54.0944, 24.8061

Square

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



61.9422, 54.0944, 100.9425



64.5314, 54.0944, 34.8920



42.1539, 54.0944, 30.5307



40.2086, 54.0944, 91.9706

Rectangle

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



61.9422, 54.0944, 100.9425



68.7044, 54.0944, 59.5668



42.1539, 54.0944, 30.5307



37.3008, 54.0944, 58.2374

Sweetspot

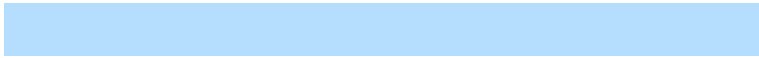
The Sweet Spot groups the original color and five complimentary colors.



61.9440, 54.0966, 100.9437



83.7430, 83.9440, 106.3968



62.4910, 68.4156, 103.6787



17.5562, 17.4492, 22.6927



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.



61.9440, 54.0966, 100.9437



57.3049, 47.6319, 100.7813



73.7441, 60.1798, 101.4959



17.7960, 17.7866, 22.7452



13.4438, 5.8410, 49.8534



1.4332, 0.6328, 4.8599

Inverse Universe

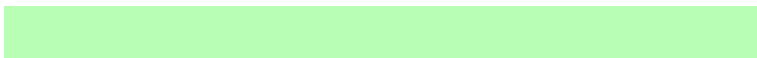
The Inverse Universe completely reimagines the original color for something new.



70.1143, 58.8828, 75.3823



66.9676, 53.2963, 70.3718



63.3772, 84.3336, 56.1201



18.4200, 18.1513, 20.8290



24.0161, 12.0957, 14.0010



2.3935, 1.1998, 1.6538

Previews

White Background



This preview shows how the XYZ color 61.9422, 54.0944, 100.9425 looks on a white background.

Color Contrast Check

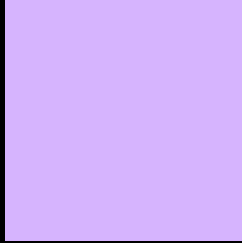
Large Text (above 18pt) WCAG AA × Fail

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 61.9422, 54.0944, 100.9425 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

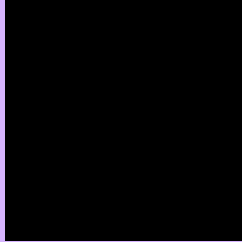
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.9422, 54.0944, 100.9425

Background



This preview shows how black text looks on a background with the XYZ color 61.9422, 54.0944, 100.9425.



This preview shows how white text looks on a background with the XYZ color 61.9422, 54.0944,

100.9425.

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

61.9422, 54.0944, 100.9425

Protanopia

55.0311, 54.2664, 102.1818

Deuteranopia

55.7299, 54.3572, 99.6502



Tritanopia

54.7661, 54.3084, 64.7228

Trichromacy



Original Color

61.9422, 54.0944, 100.9425

Protanomaly

57.2684, 54.1336, 102.0382

Deuteranomaly

57.7481, 54.1018, 100.3276

Tritanomaly

57.0382, 53.9470, 76.5138

Monochromacy



Original Color

61.9422, 54.0944, 100.9425

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

56.5377, 55.6511, 74.7797

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.9422, 54.0944, 100.9425 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(214, 180, 254)` looks like.

```
.text, #text, p{  
    color:rgb(214, 180, 254)  
}
```

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(214, 180, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 180, 254) }
```

Border

The CSS property to change the border of an element to XYZ 61.9422, 54.0944, 100.9425 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(214, 180, 254) }
```


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

```
.border{ border-color:rgb(214, 180, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 180, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 180, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 180, 254);  
box-shadow:4px 4px 4px 4px rgb(214, 180,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 61.9422, 54.0944, 100.9425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 180, 254) }
```

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

```
.background{ background-color: rgb(214,  
180, 254) }
```

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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