

Converting Colors

XYZ(61.5525, 53.0902,
100.8831)

Have a look what the booklet for
XYZ(61.5525, 53.0902, 100.8831)
contains.

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Color

**XYZ(61.3431, 52.8962,
100.7428)**

Conversions

Conversions Part 1

Format	Color
Hex	D6B1FE
RGB	214, 177, 254
RGB Percent	84%, 69%, 100%
CMY	0.1608, 0.3059, 0.0039
CMYK	0.16, 0.30, 0.00, 0.00
HSL	269°, 97%, 85%
HSV	269°, 30%, 100%
XYZ	61.3431, 52.8962, 100.7428
YIQ	196.8410, -2.6650, 31.7910

Conversions

Conversions Part 2

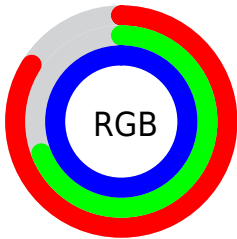
Format	Color
R _{YB}	214, 177, 254
Decimal	14070270
CIE Lab	77.81, 27.73, -33.14
CIE LCh	78, 43.207, 309.918
Yxy	52.8962, 0.2853, 0.2460
Android (android.graphics.Color)	4292260350 (0xFFD6B1FE)
YUV	196.8410, 28.1794, 15.0484
Hunter-Lab	72.7298, 23.2767, -31.2156

Details

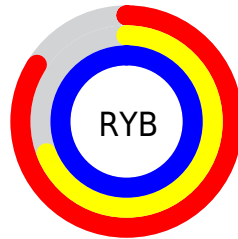
The XYZ color **61.3431, 52.8962, 100.7428** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **71.9946, 88.8110, 54.9450**, and the grayscale version is **52.8132, 55.5636, 60.5087**.

A 20% lighter version of the original color is **88.4289, 86.7578, 106.6930**, and **31.3862, 25.7156, 56.1327** is the 20% darker color. If you saturate the color by 10%, you get **53.0894, 41.8749, 99.0514**, and if you desaturate by 10%, it is **70.8460, 65.9500, 102.7624**.

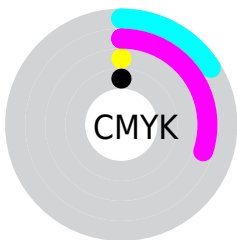
Distribution



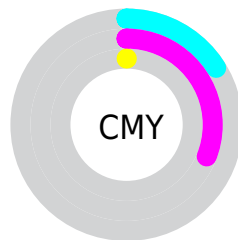
- Red (84%)
- Green (69%)
- Blue (100%)



- Red (84%)
- Yellow (69%)
- Blue (100%)



- Cyan (16%)
- Magenta (30%)
- Yellow (0%)
- Black (0%)



- Cyan (16%)
- Magenta (31%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.3431, 52.8962, 100.7428 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 61.3431, 52.8962, 100.7428 by changing the saturation by 10% instead.

61.3431, 52.8962,
100.7428

61.3431, 52.8962,
100.7428

419.2867,
397.8868, 583.8385

44.7557, 37.7199,
76.3007

105.8709, 94.4516,
164.2384

31.4655, 25.7654,
56.1710

134.5420,
121.5995, 204.1289

21.1071, 16.6482,
39.9351

167.9716,
153.5068, 250.0060

13.3152, 9.9840,
27.1745

206.5253,
190.5577, 302.2881

7.7245, 5.3883,
17.4708

250.5683,
233.1368, 361.3939

3.9695, 2.4769,
10.4052

300.4660,

1.6849, 0.8650,

281.6284, 427.7419

5.5593

356.5836,
336.4169, 501.7506

0.4468, 0.0000,
2.5146

0.0000, 0.0000,
0.8479

61.3431, 52.8962,
100.7428

61.3431, 52.8962,
100.7428

53.0894, 41.8749,
99.0514

70.8460, 65.9500,
102.7624

46.0203, 32.7720,
97.6669

81.6478, 81.1292,
105.1230

40.0730, 25.4719,
96.5713

93.8017, 98.5288,
107.8409

35.1760, 19.8432,
95.7429

94.8896, 99.9358,
108.0551

■ 31.2481, 15.7358,
95.1572

■ 28.1935, 12.9713,
94.7845

■ 25.9229, 11.2971,
94.5811

Harmonies

Analogous

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



53.1034, 52.8962, 116.0740



61.3431, 52.8962, 100.7428



66.9824, 52.8962, 74.9415

Triad

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



61.3431, 52.8962, 100.7428



56.0156, 52.8962, 24.2118



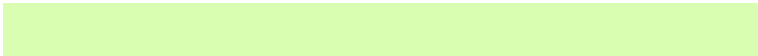
36.0132, 52.8962, 65.9159

Complementary

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



61.3431, 52.8962, 100.7428



71.9946, 88.8110, 54.9450

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.



36.6081, 52.8962, 43.1558



61.3431, 52.8962, 100.7428



47.5513, 52.8962, 23.0434

Square

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



61.3431, 52.8962, 100.7428



63.6775, 52.8962, 32.7642



40.6275, 52.8962, 28.9525



38.9009, 52.8962, 92.5793

Rectangle

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



61.3431, 52.8962, 100.7428



68.1758, 52.8962, 57.6613



40.6275, 52.8962, 28.9525



35.8207, 52.8962, 57.5287

Sweetspot

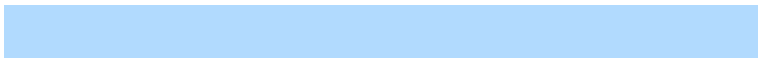
The Sweet Spot groups the original color and five complimentary colors.



61.3449, 52.8984, 100.7440



83.9097, 84.0299, 106.4046



61.1114, 66.6822, 103.4168



17.5972, 17.4703, 22.6946



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.



61.3449, 52.8984, 100.7440



57.0019, 46.7957, 100.6359



73.5530, 59.1919, 101.3153



17.8336, 17.8059, 22.7469



13.8350, 6.0427, 49.8718



1.4724, 0.6530, 4.8617

Inverse Universe

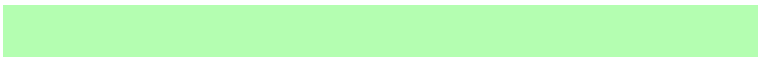
The Inverse Universe completely reimagines the original color for something new.



69.1212, 57.5270, 73.1085



66.1167, 52.2230, 68.1502



62.1011, 83.7107, 54.4820



18.4035, 18.1447, 20.7418



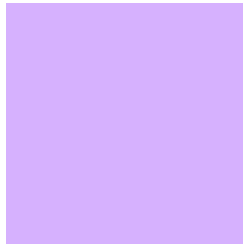
23.8178, 12.0164, 12.9568



2.3743, 1.1921, 1.5524

Previews

White Background



This preview shows how the XYZ color 61.3431, 52.8962, 100.7428 looks on a white background.

Color Contrast Check

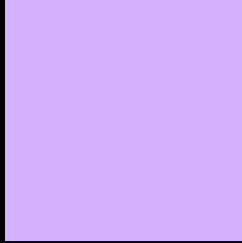
Large Text (above 18pt) WCAG AA × Fail

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 61.3431, 52.8962, 100.7428 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 61.3431, 52.8962, 100.7428

Background



This preview shows how black text looks on a background with the XYZ color 61.3431, 52.8962, 100.7428.



This preview shows how white text looks on a background with the XYZ color 61.3431, 52.8962,

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

61.3431, 52.8962, 100.7428

Protanopia

53.9190, 53.0456, 102.0047

Deuteranopia

54.3587, 53.0072, 99.4619



Tritanopia

53.6078, 52.7841, 63.2400

Trichromacy



Original Color

61.3431, 52.8962, 100.7428



Protanomaly

56.3852, 52.7367, 101.8151



Deuteranomaly

56.8168, 52.9962, 100.1632



Tritanomaly

55.9971, 52.4973, 75.5882

Monochromacy



Original Color

61.3431, 52.8962, 100.7428



Achromatopsia

53.0703, 55.8340, 60.8033



Achromatomaly

55.6969, 54.5854, 73.9302

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.3431, 52.8962, 100.7428 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, 177, 254)` looks like.

```
.text, #text, p{  
    color:rgb(214, 177, 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, 177, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 177, 254) }
```

Border

The CSS property to change the border of an element to XYZ 61.3431, 52.8962, 100.7428 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, 177, 254) }
```


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

```
.border{ border-color:rgb(214, 177, 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, 177, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 177, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 177, 254);  
box-shadow:4px 4px 4px 4px rgb(214, 177,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 61.3431, 52.8962, 100.7428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 177, 254) }
```

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

```
.background{ background-color: rgb(214,  
177, 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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