

Converting Colors

XYZ(61.1042, 52.1985,
101.4625)

Have a look what the booklet for
XYZ(61.1042, 52.1985, 101.4625)
contains.

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Color

**XYZ(61.1115, 52.1761,
101.4578)**

Conversions

Conversions Part 1

Format	Color
Hex	D6AFFF
RGB	214, 175, 255
RGB Percent	84%, 69%, 100%
CMY	0.1608, 0.3137, 0.0000
CMYK	0.16, 0.31, 0.00, 0.00
HSL	269°, 100%, 84%
HSV	269°, 31%, 100%
XYZ	61.1115, 52.1761, 101.4578
YIQ	195.7810, -2.4360, 33.1480

Conversions

Conversions Part 2

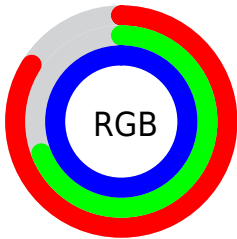
Format	Color
R _Y B	214, 175, 255
Decimal	14069759
CIE _{Lab}	77.39, 29.02, -34.34
CIE _{LCh}	77, 44.960, 310.208
Yxy	52.1761, 0.2846, 0.2430
Android (android.graphics.Color)	4292259839 (0xFFD6AFFF)
YUV	195.7810, 29.1950, 15.9781
Hunter-Lab	72.2330, 24.6090, -32.7150

Details

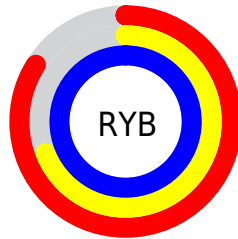
The XYZ color **61.1115, 52.1761, 101.4578** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **71.8178, 89.2146, 53.9947**, and the grayscale version is **52.1714, 54.8884, 59.7734**.

A 20% lighter version of the original color is **87.8659, 85.6318, 106.5053**, and **31.2531, 25.2654, 56.6556** is the 20% darker color. If you saturate the color by 10%, you get **52.9470, 41.2832, 99.7856**, and if you desaturate by 10%, it is **70.5223, 65.1051, 103.4574**.

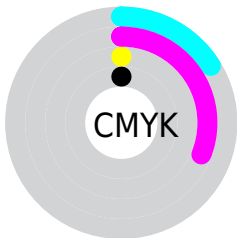
Distribution



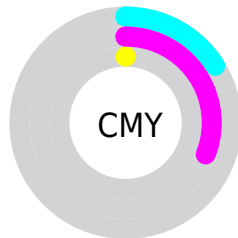
- Red (84%)
- Green (69%)
- Blue (100%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.1115, 52.1761, 101.4578 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 61.1115, 52.1761, 101.4578 by changing the saturation by 10% instead.

 61.1115, 52.1761,
101.4578

 61.1115, 52.1761,
101.4578


418.4521,
395.1161, 586.1430

 44.5680, 37.1455,
76.8949

 105.5376, 93.3909,
165.2284

 31.3172, 25.3201,
56.6556


134.1509,
120.3438, 205.2732

 20.9935, 16.3157,
40.3213


167.5182,
152.0397, 251.3157

 13.2317, 9.7478,
27.4734

206.0048,
188.8628, 303.7745

 7.6664, 5.2321,
17.6935

249.9762,
231.1976, 363.0681

 3.9322, 2.3841,
10.5630

299.7976,

 1.6639, 0.8177,

279.4285, 429.6150

5.6634

355.8345,
333.9399, 503.8338

■ 0.4335, 0.0000,
2.5760

■ 0.0000, 0.0000,
0.8800

■ 61.1115, 52.1761,
101.4578

■ 61.1115, 52.1761,
101.4578

■ 52.9470, 41.2832,
99.7856

■ 70.5223, 65.1051,
103.4574

■ 45.9640, 32.3106,
98.4218

■ 81.2302, 80.1649,
105.7998

■ 40.0985, 25.1405,
97.3469

■ 93.2890, 97.4518,
108.5010

■ 35.2778, 19.6385,
96.5390

■ 95.0500, 100.0000,
108.9000

■ 31.4190, 15.6511,
95.9727

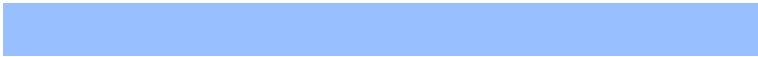
■ 28.4239, 12.9940,
95.6177

■ 26.4074, 11.5284,
95.4411

Harmonies

Analogous

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



52.5955, 52.1761, 117.6990



61.1115, 52.1761, 101.4578



66.9283, 52.1761, 74.4969

Triad

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



61.1115, 52.1761, 101.4578



55.4340, 52.1761, 22.7664



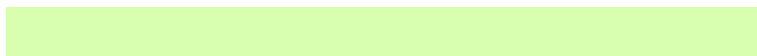
34.9694, 52.1761, 65.6694

Complementary

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



61.1115, 52.1761, 101.4578



71.8178, 89.2146, 53.9947

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.



35.5418, 52.1761, 42.1721



61.1115, 52.1761, 101.4578



46.7047, 52.1761, 21.6660

Square

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



61.1115, 52.1761, 101.4578



63.3958, 52.1761, 31.2934



39.6192, 52.1761, 27.6654



37.9529, 52.1761, 93.4049

Rectangle

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



61.1115, 52.1761, 101.4578



68.1341, 52.1761, 56.6382



39.6192, 52.1761, 27.6654



34.7615, 52.1761, 56.9840

Sweetspot

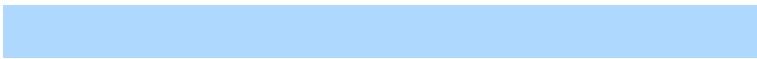
The Sweet Spot groups the original color and five complimentary colors.



61.1131, 52.1782, 101.4581



83.9651, 84.0585, 106.4072



60.3721, 65.6183, 104.0914



17.6108, 17.4773, 22.6952



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.



61.1131, 52.1782, 101.4581



55.5643, 44.7352, 100.3139



74.1320, 58.8897, 102.0674



17.8460, 17.8124, 22.7475



13.9695, 6.1120, 49.8780



1.4857, 0.6598, 4.8623

Inverse Universe

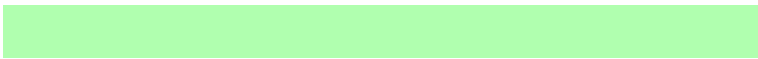
The Inverse Universe completely reimagines the original color for something new.



68.9658, 56.8797, 72.3112



64.8397, 50.2902, 65.8101



61.4793, 83.8849, 53.5109



18.3980, 18.1425, 20.7129



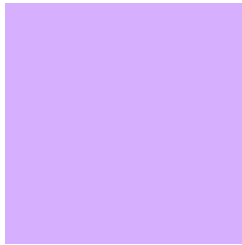
23.7541, 11.9909, 12.6216



2.3681, 1.1896, 1.5197

Previews

White Background



This preview shows how the XYZ color 61.1115, 52.1761, 101.4578 looks on a white background.

Color Contrast Check

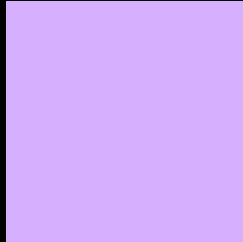
Large Text (above 18pt) WCAG AA × Fail

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 61.1115, 52.1761, 101.4578 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

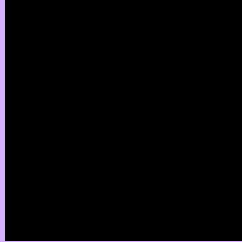
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.1115, 52.1761, 101.4578

Background



This preview shows how black text looks on a background with the XYZ color 61.1115, 52.1761, 101.4578.



This preview shows how white text looks on a background with the XYZ color 61.1115, 52.1761,

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

61.1115, 52.1761, 101.4578

Protanopia

53.2609, 52.3858, 101.9121

Deuteranopia

53.6854, 52.3418, 99.3689



Tritanopia

53.1611, 52.2671, 61.9302

Trichromacy



Original Color

61.1115, 52.1761, 101.4578



Protanomaly

55.6840, 52.0658, 101.7226



Deuteranomaly

55.8983, 51.9060, 100.0012



Tritanomaly

55.6586, 52.0331, 74.8200

Monochromacy



Original Color

61.1115, 52.1761, 101.4578



Achromatopsia

52.4687, 55.2011, 60.1140



Achromatomaly

55.1362, 53.6727, 73.0995

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.1115, 52.1761, 101.4578 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, 175, 255)` looks like.

```
.text, #text, p{  
    color:rgb(214, 175, 255)  
}
```

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, 175, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 175, 255) }
```

Border

The CSS property to change the border of an element to XYZ 61.1115, 52.1761, 101.4578 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, 175, 255) }
```


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

```
.border{ border-color:rgb(214, 175, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 175, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 175, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 175, 255);  
box-shadow:4px 4px 4px 4px rgb(214, 175,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 61.1115, 52.1761, 101.4578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 175, 255) }
```

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

```
.background{ background-color: rgb(214,  
175, 255) }
```

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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