

Converting Colors

XYZ(60.8286, 52.6140,
101.5572)

Have a look what the booklet for
XYZ(60.8286, 52.6140, 101.5572)
contains.

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Color

**XYZ(60.9235, 52.6613,
101.5614)**

Conversions

Conversions Part 1

Format	Color
Hex	D4B1FF
RGB	212, 177, 255
RGB Percent	83%, 69%, 100%
CMY	0.1686, 0.3059, 0.0000
CMYK	0.17, 0.31, 0.00, 0.00
HSL	267°, 100%, 85%
HSV	267°, 31%, 100%
XYZ	60.9235, 52.6613, 101.5614
YIQ	196.3570, -4.1780, 31.6780

Conversions

Conversions Part 2

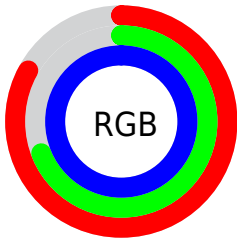
Format	Color
R _Y B	212, 177, 255
Decimal	13939199
CIE Lab	77.67, 27.34, -33.90
CIE LCh	78, 43.553, 308.879
Yxy	52.6613, 0.2832, 0.2448
Android (android.graphics.Color)	4292129279 (0xFFD4B1FF)
YUV	196.3570, 28.9110, 13.7189
Hunter-Lab	72.5681, 22.8629, -32.1806

Details

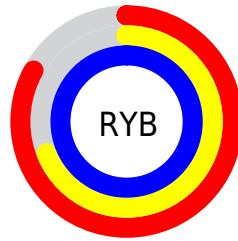
The XYZ color **60.9235, 52.6613, 101.5614** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **73.2120, 89.9104, 55.0930**, and the grayscale version is **52.5186, 55.2537, 60.1713**.

A 20% lighter version of the original color is **88.4289, 86.7578, 106.6930**, and **31.1110, 25.5604, 56.7200** is the 20% darker color. If you saturate the color by 10%, you get **52.4721, 41.5142, 99.8552**, and if you desaturate by 10%, it is **70.6719, 65.8766, 103.5984**.

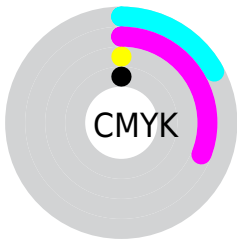
Distribution



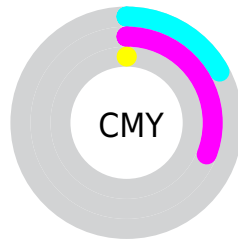
- Red (83%)
- Green (69%)
- Blue (100%)



- Red (83%)
- Yellow (69%)
- Blue (100%)



- Cyan (17%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)





- Cyan (17%)
- Magenta (31%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.9235, 52.6613, 101.5614 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 60.9235, 52.6613, 101.5614 by changing the saturation by 10% instead.


 60.9235, 52.6613,
101.5614

 60.9235, 52.6613,
101.5614

417.7739,
396.9843, 586.4765

 44.4157, 37.5325,
76.9810


 105.2669, 94.1058,
165.3718

 31.1968, 25.6200,
56.7258


133.8333,
121.1902, 205.4389

 20.9013, 16.5396,
40.3773


167.1498,
153.0286, 251.5054

 13.1639, 9.9068,
27.5168

205.5820,
190.0054, 303.9897

 7.6193, 5.3372,
17.7259

249.4952,
232.5050, 363.3104

 3.9021, 2.4464,
10.5860

299.2546,

 1.6469, 0.8496,

280.9117, 429.8861

5.6785

355.2257,
335.6100, 504.1353

■ 0.4227, 0.0000,
2.5850

■ 0.0000, 0.0000,
0.8847

■ 60.9235, 52.6613,
101.5614

■ 60.9235, 52.6613,
101.5614

■ 52.4721, 41.5142,
99.8552

■ 70.6719, 65.8766,
103.5984

■ 45.2516, 32.3192,
98.4610

■ 81.7698, 81.2551,
105.9818

■ 39.1964, 24.9584,
97.3593

■ 94.2720, 98.8933,
108.7274

■ 34.2326, 19.2979,
96.5284

■ 95.0500, 100.0000,
108.9000

■ 30.2759, 15.1846,
95.9429

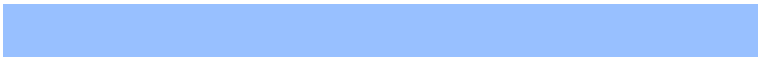
■ 27.2272, 12.4361,
95.5731

■ 25.0447, 10.8259,
95.3773

Harmonies

Analogous

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



52.5949, 52.6613, 116.4661



60.9235, 52.6613, 101.5614



66.7333, 52.6613, 75.7308

Triad

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



60.9235, 52.6613, 101.5614



56.1191, 52.6613, 24.0402



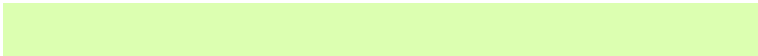
35.6949, 52.6613, 64.8015

Complementary

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



60.9235, 52.6613, 101.5614



73.2120, 89.9104, 55.0930

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.



36.4132, 52.6613, 42.1959



60.9235, 52.6613, 101.5614



47.5943, 52.6613, 22.6344

Square

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



60.9235, 52.6613, 101.5614



63.7503, 52.6613, 32.8730



40.5592, 52.6613, 28.2783



38.4732, 52.6613, 91.6622

Rectangle

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



60.9235, 52.6613, 101.5614



68.0562, 52.6613, 58.2512



40.5592, 52.6613, 28.2783



35.5427, 52.6613, 56.4368

Sweetspot

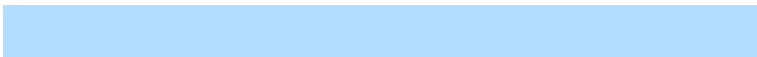
The Sweet Spot groups the original color and five complimentary colors.



60.9251, 52.6634, 101.5617



83.6582, 83.9003, 106.3929



62.0922, 68.3872, 104.5352



17.5353, 17.4384, 22.6917



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.



60.9251, 52.6634, 101.5617



55.3588, 45.2822, 100.4304



73.1258, 58.9531, 102.1327



17.7769, 17.7767, 22.7443



13.2525, 5.7424, 49.8445



1.4139, 0.6228, 4.8590

Inverse Universe

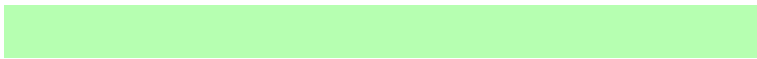
The Inverse Universe completely reimagines the original color for something new.



69.8815, 57.8734, 75.1989



65.8913, 51.4146, 69.1781



63.0359, 84.6644, 54.6167



18.4285, 18.1547, 20.8735



24.1209, 12.1376, 14.5529



2.4036, 1.2038, 1.7070

Previews

White Background



This preview shows how the XYZ color 60.9235, 52.6613, 101.5614 looks on a white background.

Color Contrast Check

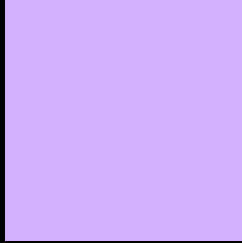
Large Text (above 18pt) WCAG AA × Fail

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 60.9235, 52.6613, 101.5614 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

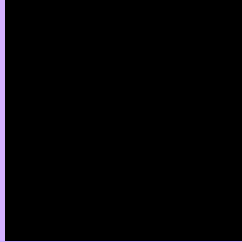
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.9235, 52.6613, 101.5614

Background



This preview shows how black text looks on a background with the XYZ color 60.9235, 52.6613, 101.5614.

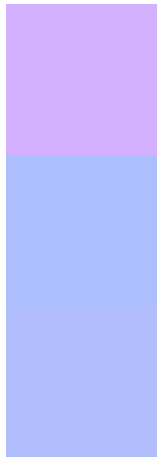


This preview shows how white text looks on a background with the XYZ color 60.9235, 52.6613,

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

60.9235, 52.6613, 101.5614

Protanopia

53.6970, 52.9311, 101.9943

Deuteranopia

54.2873, 52.9520, 100.2880



Tritanopia

53.0596, 52.5014, 63.2144

Trichromacy



Original Color

60.9235, 52.6613, 101.5614

Protanomaly

55.8925, 52.4827, 101.7921

Deuteranomaly

56.4736, 52.8008, 100.9810

Tritanomaly

55.4382, 52.2092, 75.5621

Monochromacy



Original Color

60.9235, 52.6613, 101.5614

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

55.0791, 53.9615, 73.1583

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.9235, 52.6613, 101.5614 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(212, 177, 255)` looks like.

```
.text, #text, p{  
    color:rgb(212, 177, 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(212, 177, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 177, 255) }
```

Border

The CSS property to change the border of an element to XYZ 60.9235, 52.6613, 101.5614 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(212, 177, 255) }
```


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

```
.border{ border-color:rgb(212, 177, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 177, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 177, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 177, 255);  
box-shadow:4px 4px 4px 4px rgb(212, 177,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 60.9235, 52.6613, 101.5614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 177, 255) }
```

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

```
.background{ background-color: rgb(212,  
177, 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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