

Converting Colors

XYZ(73.8462, 53.7774,
186.8383)

Have a look what the booklet for
XYZ(73.8462, 53.7774, 186.8383)
contains.

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Color

**XYZ(57.6200, 47.3262,
100.7057)**

Conversions

Conversions Part 1

Format	Color
Hex	D1A4FF
RGB	209, 164, 255
RGB Percent	82%, 64%, 100%
CMY	0.1804, 0.3568, 0.0000
CMYK	0.18, 0.36, 0.00, 0.00
HSL	270°, 100%, 82%
HSV	270°, 36%, 100%
XYZ	57.6200, 47.3262, 100.7057
YIQ	187.8290, -2.3910, 37.8410

Conversions

Conversions Part 2

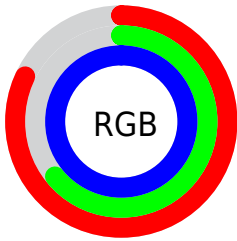
Format	Color
R_{YB}	209, 164, 255
Decimal	13739263
CIE _{Lab}	74.40, 33.52, -39.00
CIE _{LCh}	74, 51.431, 310.679
Yxy	47.3262, 0.2802, 0.2301
Android (android.graphics.Color)	4291929343 (0xFFD1A4FF)
YUV	187.8290, 33.1153, 18.5670
Hunter-Lab	68.7940, 29.1171, -38.6372

Details

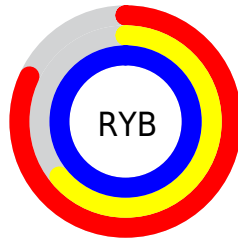
The XYZ color **57.6200, 47.3262, 100.7057** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **69.0398, 87.9023, 48.4519**, and the grayscale version is **47.5234, 49.9983, 54.4482**.

A 20% lighter version of the original color is **84.6215, 79.1430, 105.4238**, and **29.1241, 22.4379, 56.2220** is the 20% darker color. If you saturate the color by 10%, you get **50.0053, 37.2928, 99.1704**, and if you desaturate by 10%, it is **66.4476, 59.3451, 102.5603**.

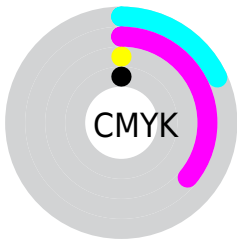
Distribution



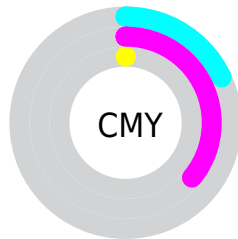
- Red (82%)
- Green (64%)
- Blue (100%)



- Red (82%)
- Yellow (64%)
- Blue (100%)



- Cyan (18%)
- Magenta (36%)
- Yellow (0%)
- Black (0%)



- Cyan (18%)
- Magenta (36%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.6200, 47.3262, 100.7057 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 57.6200, 47.3262, 100.7057 by changing the saturation by 10% instead.

57.6200, 47.3262,
100.7057

57.6200, 47.3262,
100.7057

405.7452,
376.1151, 583.7188

41.7453, 33.2936,
76.2699

100.4954, 86.2003,
164.1870

29.0921, 22.3515,
56.1458

128.2269,
111.8107, 204.0695

19.2952, 14.1154,
39.9151

160.6413,
142.0490, 249.9380

11.9890, 8.2010,
27.1591

198.1040,
177.2998, 302.2109

6.8084, 4.2238,
17.4592

240.9804,
217.9474, 361.3070

3.3878, 1.7995,
10.3970

289.6358,

1.3620, 0.4869,

264.3762, 427.6446

5.5540

344.4357,
316.9707, 501.6424

■ 0.2289, 0.0000,
2.5114

■ 0.0000, 0.0000,
0.8462

■ 57.6200, 47.3262,
100.7057

■ 57.6200, 47.3262,
100.7057

■ 50.0053, 37.2928,
99.1704

■ 66.4476, 59.3451,
102.5603

■ 43.5371, 29.1258,
97.9349

■ 76.5407, 73.4481,
104.7505

■ 38.1489, 22.7015,
96.9789

■ 87.9540, 89.7340,
107.2925

■ 33.7642, 17.8785,
96.2791

95.0500, 100.0000,
108.9000

■ 30.2948, 14.4917,
95.8082

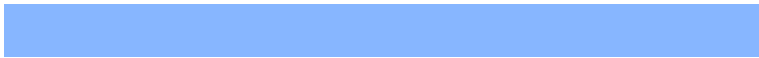
■ 27.6329, 12.3379,
95.5328

■ 26.6691, 11.6633,
95.4534

Harmonies

Analogous

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



48.3642, 47.3262, 119.6716



57.6200, 47.3262, 100.7057



63.9717, 47.3262, 70.3180

Triad

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



57.6200, 47.3262, 100.7057



51.1366, 47.3262, 16.8253



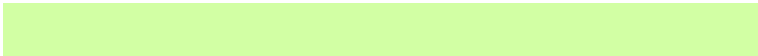
29.6507, 47.3262, 61.5730

Complementary

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



57.6200, 47.3262, 100.7057



69.0398, 87.9023, 48.4519

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.



30.1800, 47.3262, 36.4278



57.6200, 47.3262, 100.7057



41.7615, 47.3262, 15.8994

Square

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



57.6200, 47.3262, 100.7057



59.8877, 47.3262, 24.9184



34.3421, 47.3262, 21.7174



32.7810, 47.3262, 92.4460

Rectangle

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



57.6200, 47.3262, 100.7057



65.2472, 47.3262, 50.9280



34.3421, 47.3262, 21.7174



29.4186, 47.3262, 52.1371

Sweetspot

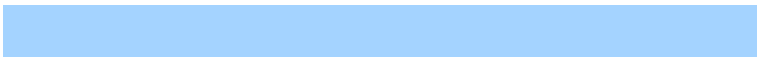
The Sweet Spot groups the original color and five complimentary colors.



57.6215, 47.3281, 100.7060



81.7200, 80.8001, 105.8966



56.6595, 61.7107, 103.5328



17.1642, 16.8284, 22.5935



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.



57.6215, 47.3281, 100.7060



51.9346, 39.7987, 99.5524



72.0104, 54.7458, 101.3794



17.8586, 17.8188, 22.7481



14.1069, 6.1829, 49.8845



1.4993, 0.6669, 4.8630

Inverse Universe

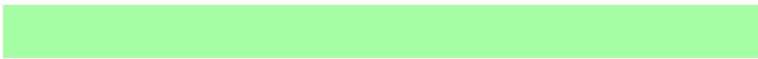
The Inverse Universe completely reimagines the original color for something new.



66.1492, 52.4655, 67.6139



61.9353, 45.8245, 60.7012



58.0868, 82.2558, 47.9393



18.3925, 18.1403, 20.6839



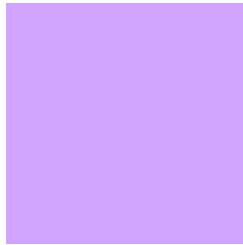
23.6913, 11.9658, 12.2907



2.3619, 1.1871, 1.4872

Previews

White Background



This preview shows how the XYZ color 57.6200, 47.3262, 100.7057 looks on a white background.

Color Contrast Check

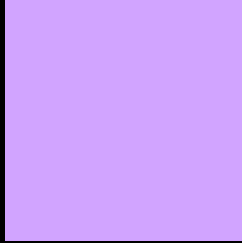
Large Text (above 18pt) WCAG AA × Fail

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 57.6200, 47.3262, 100.7057 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

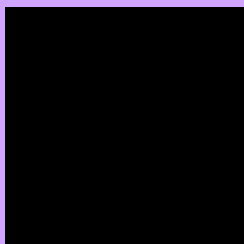
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.6200, 47.3262, 100.7057

Background



This preview shows how black text looks on a background with the XYZ color 57.6200, 47.3262, 100.7057.



This preview shows how white text looks on a background with the XYZ color 57.6200, 47.3262,

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

57.6200, 47.3262, 100.7057

Protanopia

49.0711, 47.7413, 101.2364

Deuteranopia

48.9949, 47.7574, 98.7313



Tritanopia

48.4148, 47.2116, 55.8512

Trichromacy



Original Color

57.6200, 47.3262, 100.7057



Protanomaly

51.7401, 47.3449, 101.0192



Deuteranomaly

51.6500, 47.3355, 99.3429

Tritanomaly

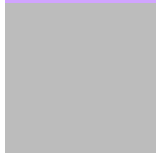
51.2472, 46.9166, 69.9731

Monochromacy



Original Color

57.6200, 47.3262, 100.7057



Achromatopsia

47.7994, 50.2886, 54.7643



Achromatomaly

50.7687, 48.7294, 69.0173

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.6200, 47.3262, 100.7057 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(209, 164, 255)` looks like.

```
.text, #text, p{  
    color:rgb(209, 164, 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(209, 164, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 164, 255) }
```

Border

The CSS property to change the border of an element to XYZ 57.6200, 47.3262, 100.7057 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(209, 164, 255) }
```


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

```
.border{ border-color:rgb(209, 164, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 164, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 164, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 164, 255);  
box-shadow:4px 4px 4px 4px rgb(209, 164,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 57.6200, 47.3262, 100.7057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 164, 255) }
```

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

```
.background{ background-color: rgb(209,  
164, 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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