

Converting Colors

XYZ(65.0343, 57.2990,
102.2399)

Have a look what the booklet for
XYZ(65.0343, 57.2990, 102.2399)
contains.

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Color

**XYZ(64.9142, 57.1336,
102.2143)**

Conversions

Conversions Part 1

Format	Color
Hex	DCB9FF
RGB	220, 185, 255
RGB Percent	86%, 73%, 100%
CMY	0.1372, 0.2745, 0.0000
CMYK	0.14, 0.27, 0.00, 0.00
HSL	270°, 100%, 86%
HSV	270°, 27%, 100%
XYZ	64.9142, 57.1336, 102.2143
YIQ	203.4450, -1.6100, 29.1900

Conversions

Conversions Part 2

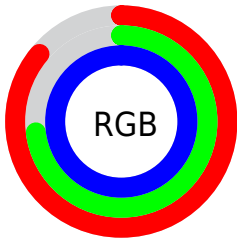
Format	Color
R _Y B	220, 185, 255
Decimal	14465535
CIE _{Lab}	80.25, 25.43, -29.87
CIE _{LCh}	80, 39.233, 310.407
Yxy	57.1336, 0.2895, 0.2548
Android (android.graphics.Color)	4292655615 (0xFFDCB9FF)
YUV	203.4450, 25.4166, 14.5187
Hunter-Lab	75.5868, 21.0196, -27.2658

Details

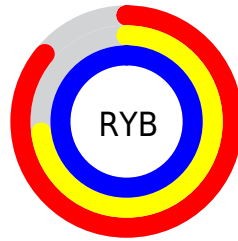
The XYZ color **64.9142, 57.1336, 102.2143** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **74.0333, 90.2390, 59.4174**, and the grayscale version is **56.8919, 59.8547, 65.1817**.

A 20% lighter version of the original color is **90.7453, 91.3906, 107.4651**, and **33.7541, 28.4723, 57.1427** is the 20% darker color. If you saturate the color by 10%, you get **56.3378, 45.4920, 100.4192**, and if you desaturate by 10%, it is **74.7449, 70.8448, 104.3427**.

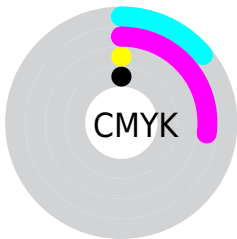
Distribution



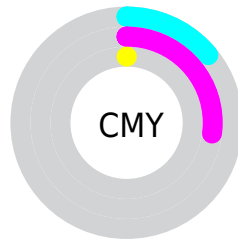
- Red (86%)
- Green (73%)
- Blue (100%)



- Red (86%)
- Yellow (73%)
- Blue (100%)



- Cyan (14%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)



- Cyan (14%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.9142, 57.1336, 102.2143 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 64.9142, 57.1336, 102.2143 by changing the saturation by 10% instead.

64.9142, 57.1336,
102.2143

64.9142, 57.1336,
102.2143

432.0337,
413.9497, 588.5760

47.6560, 41.1125,
77.5239

110.9929,
100.6601, 166.2752

33.7646, 28.4070,
57.1688

140.5440,
128.9343, 206.4827

22.8749, 18.6327,
40.7306

174.9235,
162.0617, 252.6998

14.6213, 11.4052,
27.7905

214.4967,
200.4266, 305.3448

8.6386, 6.3401,
17.9301

259.6290,
244.4135, 364.8364

4.5615, 3.0529,
10.7309

310.6857,

2.0244, 1.1594,

294.4067, 431.5932

5.7743

368.0321,
350.7906, 506.0335

■ 0.6476, 0.0282,
2.6418

■ 0.0000, 0.0000,
0.9139

■ 64.9142, 57.1336,
102.2143

■ 64.9142, 57.1336,
102.2143

■ 56.3378, 45.4920,
100.4192

■ 74.7449, 70.8448,
104.3427

■ 48.9531, 35.8074,
98.9392

■ 85.8785, 86.7166,
106.8194

■ 42.6990, 27.9669,
97.7554

95.0500, 100.0000,
108.9000

■ 37.5064, 21.8425,
96.8470

■ 33.2974, 17.2896,
96.1900

■ 29.9815, 14.1379,
95.7564

■ 27.4424, 12.1668,
95.5098

■ 26.8771, 11.7705,
95.4631

Harmonies

Analogous

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



57.1343, 57.1336, 116.4740



64.9142, 57.1336, 102.2143



70.1483, 57.1336, 78.2075

Triad

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



64.9142, 57.1336, 102.2143



59.6353, 57.1336, 29.2140



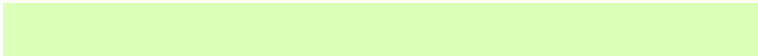
40.5175, 57.1336, 70.5236

Complementary

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



64.9142, 57.1336, 102.2143



74.0333, 90.2390, 59.4174

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.



41.0451, 57.1336, 48.5558



64.9142, 57.1336, 102.2143



51.5683, 57.1336, 28.1229

Square

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



64.9142, 57.1336, 102.2143



66.8991, 57.1336, 37.7687



44.9175, 57.1336, 34.2983



43.3977, 57.1336, 95.4138

Rectangle

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



64.9142, 57.1336, 102.2143



71.2112, 57.1336, 61.8960



44.9175, 57.1336, 34.2983



40.3097, 57.1336, 62.5226

Sweetspot

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



64.9159, 57.1359, 102.2146



85.2304, 85.7844, 106.6737



63.6525, 68.7225, 104.5177



17.8684, 17.8239, 22.7485



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.



64.9159, 57.1359, 102.2146



60.0034, 50.4241, 101.1780



76.6399, 63.1799, 102.7633



17.8684, 17.8239, 22.7485



14.2160, 6.2391, 49.8896



1.5101, 0.6724, 4.8635

Inverse Universe

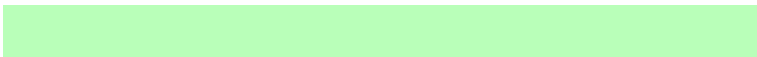
The Inverse Universe completely reimagines the original color for something new.



71.5085, 61.1273, 75.7415



67.7753, 55.1295, 69.9697



64.5262, 85.3379, 58.9725



18.3882, 18.1386, 20.6613



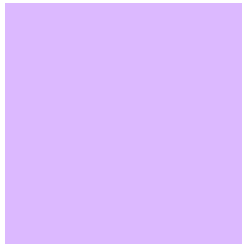
23.6429, 11.9464, 12.0357



2.3571, 1.1852, 1.4621

Previews

White Background



This preview shows how the XYZ color 64.9142, 57.1336, 102.2143 looks on a white background.

Color Contrast Check

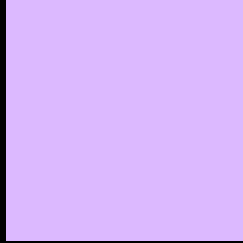
Large Text (above 18pt) WCAG AA × Fail

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 64.9142, 57.1336, 102.2143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

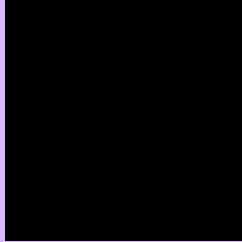
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.9142, 57.1336, 102.2143

Background



This preview shows how black text looks on a background with the XYZ color 64.9142, 57.1336, 102.2143.

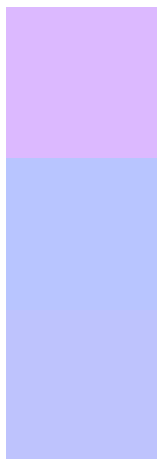


This preview shows how white text looks on a background with the XYZ color 64.9142, 57.1336,

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

64.9142, 57.1336, 102.2143

Protanopia

57.7834, 57.3429, 102.6305

Deuteranopia

58.4799, 57.0692, 100.8617



Tritanopia

57.9518, 57.1841, 68.3048

Trichromacy



Original Color

64.9142, 57.1336, 102.2143

Protanomaly

60.1459, 57.2302, 102.4843

Deuteranomaly

60.6076, 56.8349, 101.5418

Tritanomaly

60.3826, 57.1997, 79.8096

Monochromacy



Original Color

64.9142, 57.1336, 102.2143

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

59.2192, 58.3091, 77.2408

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.9142, 57.1336, 102.2143 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(220, 185, 255)` looks like.

```
.text, #text, p{  
    color:rgb(220, 185, 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(220, 185, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 185, 255) }
```

Border

The CSS property to change the border of an element to XYZ 64.9142, 57.1336, 102.2143 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(220, 185, 255) }
```


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

```
.border{ border-color:rgb(220, 185, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 185, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 185, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 185, 255); box-shadow:4px 4px 4px 4px rgb(220, 185, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 64.9142, 57.1336, 102.2143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 185, 255) }
```

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

```
.background{ background-color: rgb(220,  
185, 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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