

Converting Colors

XYZ(63.0082, 55.7184,
102.0416)

Have a look what the booklet for
XYZ(63.0082, 55.7184, 102.0416)
contains.

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Color

**XYZ(63.2148, 55.9481,
102.0750)**

Conversions

Conversions Part 1

Format	Color
Hex	D7B8FF
RGB	215, 184, 255
RGB Percent	84%, 72%, 100%
CMY	0.1569, 0.2784, 0.0000
CMYK	0.16, 0.28, 0.00, 0.00
HSL	266°, 100%, 86%
HSV	266°, 28%, 100%
XYZ	63.2148, 55.9481, 102.0750
YIQ	201.3630, -4.3150, 28.6530

Conversions

Conversions Part 2

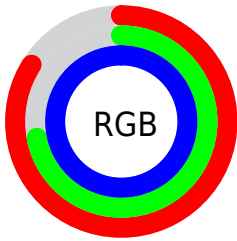
Format	Color
R _Y B	215, 184, 255
Decimal	14137599
CIE Lab	79.58, 24.44, -30.94
CIE LCh	80, 39.432, 308.310
Yxy	55.9481, 0.2857, 0.2529
Android (android.graphics.Color)	4292327679 (0xFFD7B8FF)
YUV	201.3630, 26.4430, 11.9596
Hunter-Lab	74.7985, 19.9593, -28.5522

Details

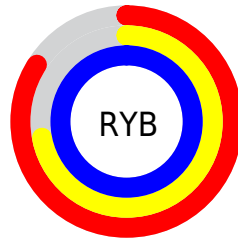
The XYZ color **63.2148, 55.9481, 102.0750** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **75.1534, 90.8286, 58.9206**, and the grayscale version is **55.5870, 58.4818, 63.6867**.

A 20% lighter version of the original color is **90.4501, 90.8002, 107.3667**, and **32.6074, 27.6807, 57.0504** is the 20% darker color. If you saturate the color by 10%, you get **54.3528, 44.2134, 100.2771**, and if you desaturate by 10%, it is **73.4053, 69.7877, 104.2092**.

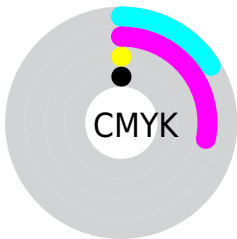
Distribution



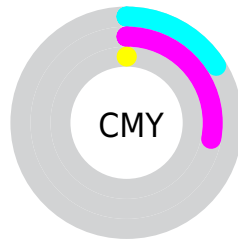
- Red (84%)
- Green (72%)
- Blue (100%)



- Red (84%)
- Yellow (72%)
- Blue (100%)



- Cyan (16%)
- Magenta (28%)
- Yellow (0%)
- Black (0%)





- Cyan (16%)
- Magenta (28%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.2148, 55.9481, 102.0750 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 63.2148, 55.9481, 102.0750 by changing the saturation by 10% instead.


 63.2148, 55.9481,
102.0750

 63.2148, 55.9481,
102.0750


425.9959,
409.4959, 588.1284

 46.2743, 40.1613,
77.4081


 108.5594, 98.9287,
166.0825

 32.6679, 27.6643,
57.0743


137.6942,
126.8913, 206.2601

 22.0301, 18.0728,
40.6551


171.6246,
159.6813, 252.4451

 13.9958, 11.0023,
27.7320

210.7157,
197.6830, 305.0559

 8.1994, 6.0684,
17.8865

255.3331,
241.2810, 364.5111

 4.2757, 2.8867,
10.6999

305.8420,

 1.8593, 1.0729,

290.8595, 431.2292

5.7538

362.6078,
346.8030, 505.6288

■ 0.5530, 0.0000,
2.6296

■ 0.0000, 0.0000,
0.9077

■ 63.2148, 55.9481,
102.0750

■ 63.2148, 55.9481,
102.0750

■ 54.3528, 44.2134,
100.2771

■ 73.4053, 69.7877,
104.2092

■ 46.7534, 34.4692,
98.7968

■ 84.9760, 85.8251,
106.6949

■ 40.3525, 26.6007,
97.6154

95.0500, 100.0000,
108.9000

■ 35.0773, 20.4775,
96.7115

■ 30.8460, 15.9524,
96.0611

■ 27.5637, 12.8520,
95.6357

■ 25.1063, 10.9463,
95.3973

■ 24.6480, 10.6214,
95.3588

Harmonies

Analogous

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



55.4143, 55.9481, 115.2393



63.2148, 55.9481, 102.0750



68.6635, 55.9481, 78.5505

Triad

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



63.2148, 55.9481, 102.0750



59.0220, 55.9481, 28.6505



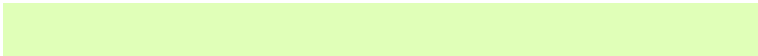
39.4545, 55.9481, 67.4588

Complementary

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



63.2148, 55.9481, 102.0750



75.1534, 90.8286, 58.9206

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.



40.2139, 55.9481, 46.1438



63.2148, 55.9481, 102.0750



51.0007, 55.9481, 27.0851

Square

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



63.2148, 55.9481, 102.0750



66.0800, 55.9481, 37.6325



44.2623, 55.9481, 32.6450



42.0735, 55.9481, 92.2450

Rectangle

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



63.2148, 55.9481, 102.0750



69.9454, 55.9481, 62.2168



44.2623, 55.9481, 32.6450



39.3287, 55.9481, 59.6373

Sweetspot

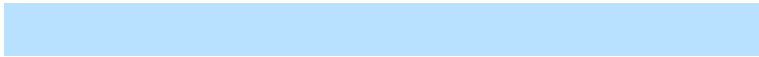
The Sweet Spot groups the original color and five complimentary colors.



63.2165, 55.9503, 102.0754



84.7813, 85.5529, 106.6526



64.5372, 70.8488, 104.8815



17.7555, 17.7657, 22.7433



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.



63.2165, 55.9503, 102.0754



58.4822, 49.6399, 101.1069



74.7115, 61.8763, 102.6133



17.7555, 17.7657, 22.7433



13.0433, 5.6345, 49.8347



1.3927, 0.6119, 4.8580

Inverse Universe

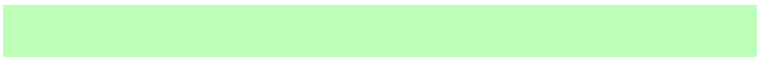
The Inverse Universe completely reimagines the original color for something new.



71.8363, 60.9249, 78.4962



68.4634, 55.4047, 73.5932



65.3335, 85.7662, 58.4611



18.4380, 18.1585, 20.9238



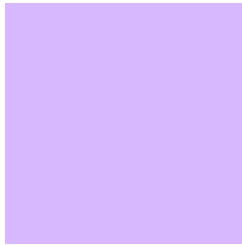
24.2421, 12.1861, 15.1914



2.4153, 1.2085, 1.7683

Previews

White Background



This preview shows how the XYZ color 63.2148, 55.9481, 102.0750 looks on a white background.

Color Contrast Check

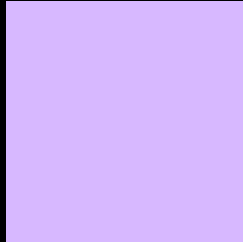
Large Text (above 18pt) WCAG AA × Fail

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 63.2148, 55.9481, 102.0750 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 63.2148, 55.9481, 102.0750

Background



This preview shows how black text looks on a background with the XYZ color 63.2148, 55.9481, 102.0750.

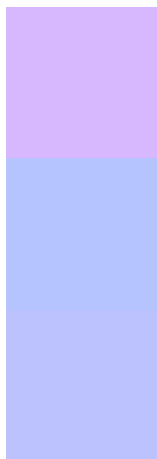


This preview shows how white text looks on a background with the XYZ color 63.2148, 55.9481,

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

63.2148, 55.9481, 102.0750

Protanopia

56.6212, 56.0740, 102.4468

Deuteranopia

57.5149, 56.2402, 100.7526



Tritanopia

56.1873, 55.9594, 67.5144

Trichromacy



Original Color

63.2148, 55.9481, 102.0750

Protanomaly

58.6731, 55.8191, 102.2895

Deuteranomaly

59.3288, 55.8530, 101.4197

Tritanomaly

58.5824, 55.9648, 78.9488

Monochromacy



Original Color

63.2148, 55.9481, 102.0750

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

58.0199, 57.3725, 76.4226

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.2148, 55.9481, 102.0750 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(215, 184, 255)` looks like.

```
.text, #text, p{  
    color:rgb(215, 184, 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(215, 184, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 184, 255) }
```

Border

The CSS property to change the border of an element to XYZ 63.2148, 55.9481, 102.0750 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(215, 184, 255) }
```


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

```
.border{ border-color:rgb(215, 184, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 184, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 184, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 184, 255);  
box-shadow:4px 4px 4px 4px rgb(215, 184,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 63.2148, 55.9481, 102.0750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 184, 255) }
```

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

```
.background{ background-color: rgb(215,  
184, 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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