

Converting Colors

XYZ(67.2687, 62.6855,
103.1618)

Have a look what the booklet for
XYZ(67.2687, 62.6855, 103.1618)
contains.

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Color

**XYZ(67.1575, 62.5136,
103.1345)**

Conversions

Conversions Part 1

Format	Color
Hex	DAC6FF
RGB	218, 198, 255
RGB Percent	85%, 78%, 100%
CMY	0.1451, 0.2235, 0.0000
CMYK	0.15, 0.22, 0.00, 0.00
HSL	261°, 100%, 89%
HSV	261°, 22%, 100%
XYZ	67.1575, 62.5136, 103.1345
YIQ	210.4780, -6.3770, 21.9670

Conversions

Conversions Part 2

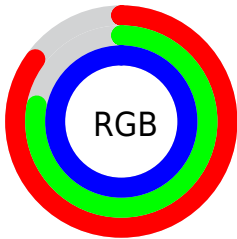
Format	Color
R _Y B	218, 198, 255
Decimal	14337791
CIE Lab	83.19, 17.81, -25.41
CIE LCh	83, 31.028, 305.033
Yxy	62.5136, 0.2885, 0.2685
Android (android.graphics.Color)	4292527871 (0xFFDAC6FF)
YUV	210.4780, 21.9493, 6.5968
Hunter-Lab	79.0655, 13.2515, -21.9931

Details

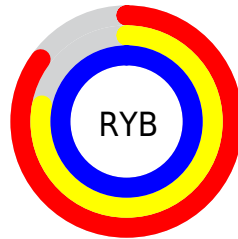
The XYZ color **67.1575, 62.5136, 103.1345** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **80.2154, 93.2600, 67.2021**, and the grayscale version is **61.4374, 64.6370, 70.3896**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.2706, 31.8103, 57.7071** is the 20% darker color. If you saturate the color by 10%, you get **57.1071, 49.3974, 101.1325**, and if you desaturate by 10%, it is **78.6870, 77.8520, 105.4874**.

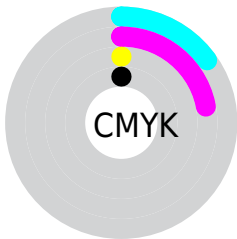
Distribution



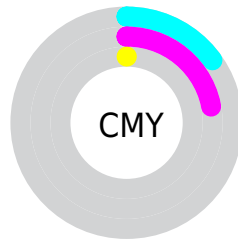
- Red (85%)
- Green (78%)
- Blue (100%)



- Red (85%)
- Yellow (78%)
- Blue (100%)



- Cyan (15%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (15%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.1575, 62.5136, 103.1345 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 67.1575, 62.5136, 103.1345 by changing the saturation by 10% instead.

67.1575, 62.5136,
103.1345

67.1575, 62.5136,
103.1345

439.9289,
433.8021, 591.5284

49.4838, 45.4478,
78.2894

114.1946,
108.4675, 167.5474

35.2195, 31.8103,
57.7939

144.2887,
138.1244, 207.9523

23.9993, 21.2167,
41.2294

179.2537,
172.7471, 254.3809

15.4579, 13.2825,
28.1773

219.4549,
212.7201, 307.2518

9.2298, 7.6233,
18.2192

265.2577,
258.4277, 366.9834

4.9497, 3.8549,
10.9364

317.0273,

2.2522, 1.5927,

310.2543, 433.9944

5.9104

375.1293,
368.5843, 508.7032

■ 0.7700, 0.3527,
2.7228

■ 0.0000, 0.0000,
0.9549

■ 67.1575, 62.5136,
103.1345

■ 67.1575, 62.5136,
103.1345

■ 57.1071, 49.3974,
101.1325

■ 78.6870, 77.8520,
105.4874

■ 48.4670, 38.3903,
99.4633

■ 91.7498, 95.5036,
108.2061

■ 41.1705, 29.3803,
98.1088

95.0500, 100.0000,
108.9000

■ 35.1430, 22.2418,
97.0486

■ 30.3018, 16.8343,
96.2600

■ 26.5530, 12.9968,
95.7169

■ 23.7859, 10.5355,
95.3876

■ 22.2151, 9.3672,
95.2449

Harmonies

Analogous

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



60.5596, 62.5136, 112.0468



67.1575, 62.5136, 103.1345



71.9339, 62.5136, 84.9335

Triad

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



67.1575, 62.5136, 103.1345



65.0468, 62.5136, 39.7004



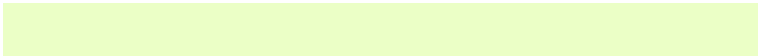
47.4395, 62.5136, 71.3694

Complementary

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



67.1575, 62.5136, 103.1345



80.2154, 93.2600, 67.2021

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.



48.4440, 62.5136, 53.5952



67.1575, 62.5136, 103.1345



58.2895, 62.5136, 37.4280

Square

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



67.1575, 62.5136, 103.1345



70.6522, 62.5136, 48.9362



52.2959, 62.5136, 42.0132



49.4414, 62.5136, 91.6278

Rectangle

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



67.1575, 62.5136, 103.1345



73.2600, 62.5136, 71.3249



52.2959, 62.5136, 42.0132



47.4384, 62.5136, 64.9092

Sweetspot

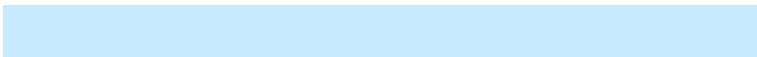
The Sweet Spot groups the original color and five complimentary colors.



67.1593, 62.5161, 103.1349



85.4825, 87.0035, 106.8957



71.0631, 78.6727, 106.0477



18.1279, 18.3942, 22.8449



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.



67.1593, 62.5161, 103.1349



62.3063, 56.1478, 102.1614



76.4095, 67.2848, 103.5678



17.6042, 17.6877, 22.7362



11.7533, 4.9695, 49.7743



1.2573, 0.5421, 4.8516

Inverse Universe

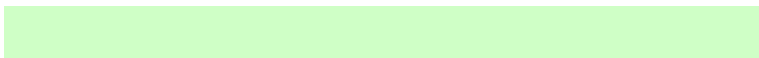
The Inverse Universe completely reimagines the original color for something new.



76.4309, 67.6486, 87.6283



73.2322, 62.2017, 83.6316



71.5613, 88.7987, 66.7971



18.5061, 18.1858, 21.2824



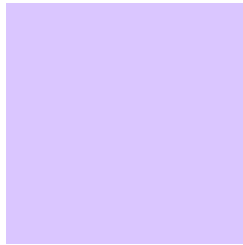
25.1962, 12.5678, 20.2156



2.5051, 1.2444, 2.2412

Previews

White Background



This preview shows how the XYZ color 67.1575, 62.5136, 103.1345 looks on a white background.

Color Contrast Check

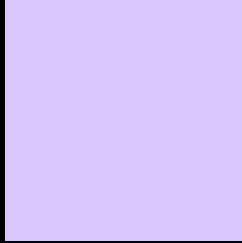
Large Text (above 18pt) WCAG AA × Fail

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 67.1575, 62.5136, 103.1345 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

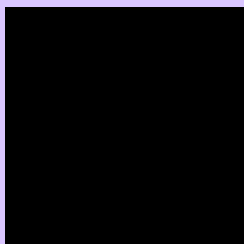
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.1575, 62.5136, 103.1345

Background



This preview shows how black text looks on a background with the XYZ color 67.1575, 62.5136, 103.1345.



This preview shows how white text looks on a background with the XYZ color 67.1575, 62.5136,

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

67.1575, 62.5136, 103.1345

Protanopia

62.3870, 62.4847, 103.3804

Deuteranopia

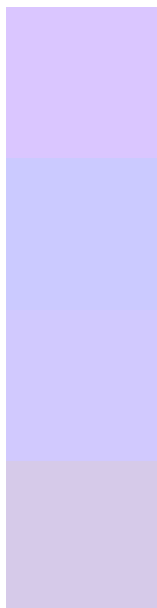
64.1472, 62.7050, 102.4883



Tritanopia

61.6625, 62.3501, 76.4950

Trichromacy



Original Color

67.1575, 62.5136, 103.1345

Protanomaly

63.7991, 62.1576, 103.2428

Deuteranomaly

65.0705, 62.4844, 102.3970

Tritanomaly

63.5601, 62.4204, 85.7892

Monochromacy



Original Color

67.1575, 62.5136, 103.1345

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

63.2393, 63.7797, 80.9292

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.1575, 62.5136, 103.1345 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(218, 198, 255)` looks like.

```
.text, #text, p{  
    color:rgb(218, 198, 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(218, 198, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 198, 255) }
```

Border

The CSS property to change the border of an element to XYZ 67.1575, 62.5136, 103.1345 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(218, 198, 255) }
```


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

```
.border{ border-color:rgb(218, 198, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 198, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 198, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 198, 255);  
box-shadow:4px 4px 4px 4px rgb(218, 198,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 67.1575, 62.5136, 103.1345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 198, 255) }
```

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

```
.background{ background-color: rgb(218,  
198, 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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