

Converting Colors

XYZ(67.5454, 63.8976,
103.3812)

Have a look what the booklet for
XYZ(67.5454, 63.8976, 103.3812)
contains.

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Color

**XYZ(67.5519, 63.7450,
103.3514)**

Conversions

Conversions Part 1

Format	Color
Hex	D9C9FF
RGB	217, 201, 255
RGB Percent	85%, 79%, 100%
CMY	0.1490, 0.2117, 0.0000
CMYK	0.15, 0.21, 0.00, 0.00
HSL	258°, 100%, 89%
HSV	258°, 21%, 100%
XYZ	67.5519, 63.7450, 103.3514
YIQ	211.9400, -7.7980, 20.1860

Conversions

Conversions Part 2

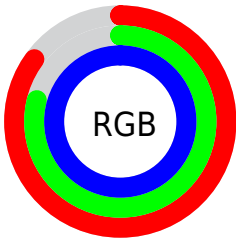
Format	Color
R _Y B	217, 201, 255
Decimal	14273023
CIE _{Lab}	83.83, 15.89, -24.43
CIE _{LCh}	84, 29.144, 303.048
Y _{xy}	63.7450, 0.2879, 0.2717
Android (android.graphics.Color)	4292463103 (0xFFD9C9FF)
Y _{UV}	211.9400, 21.2286, 4.4376
Hunter-Lab	79.8405, 11.3055, -20.8610

Details

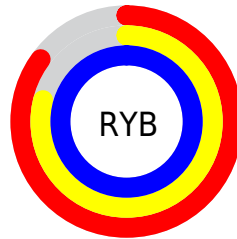
The XYZ color **67.5519, 63.7450, 103.3514** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **81.9006, 94.0884, 69.1055**, and the grayscale version is **62.4082, 65.6583, 71.5019**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.5271, 32.6260, 57.8511** is the 20% darker color. If you saturate the color by 10%, you get **57.0468, 50.2268, 101.2958**, and if you desaturate by 10%, it is **79.6273, 79.5408, 105.7638**.

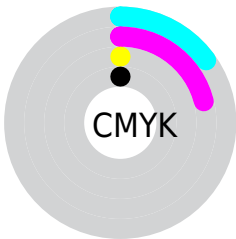
Distribution



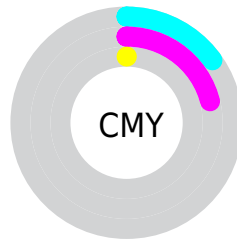
- Red (85%)
- Green (79%)
- Blue (100%)



- Red (85%)
- Yellow (79%)
- Blue (100%)



- Cyan (15%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (15%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.5519, 63.7450, 103.3514 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 67.5519, 63.7450, 103.3514 by changing the saturation by 10% instead.

67.5519, 63.7450,
103.3514

67.5519, 63.7450,
103.3514

441.3084,
438.2682, 592.2232

49.8056, 46.4442,
78.4699

114.7563,
110.2436, 167.8471

35.4761, 32.5965,
57.9414

144.9451,
140.2102, 208.2984

24.1981, 21.8175,
41.3471

180.0122,
175.1675, 254.7768

15.6062, 13.7229,
28.2687

220.3229,
215.4998, 307.7008

9.3350, 7.9282,
18.2875

266.2424,
261.5917, 367.4888

5.0192, 4.0490,
10.9850

318.1363,

2.2934, 1.7010,

313.8275, 434.5596

5.9427

376.3699,
372.5915, 509.3315

■ 0.7913, 0.4243,
2.7421

■ 0.0000, 0.0000,
0.9645

■ 67.5519, 63.7450,
103.3514

■ 67.5519, 63.7450,
103.3514

■ 57.0468, 50.2268,
101.2958

■ 79.6273, 79.5408,
105.7638

■ 48.0396, 38.8716,
99.5787

■ 93.3306, 97.7062,
108.5479

■ 40.4597, 29.5664,
98.1822

■ 95.0500, 100.0000,
108.9000

■ 34.2286, 22.1846,
97.0857

■ 29.2597, 16.5851,
96.2668

■ 25.4549, 12.6067,
95.6994

■ 22.6994, 10.0572,
95.3526

■ 20.9949, 8.7382,
95.1878

Harmonies

Analogous

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



61.2446, 63.7450, 110.9007



67.5519, 63.7450, 103.3514



72.2365, 63.7450, 86.6444

Triad

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



67.5519, 63.7450, 103.3514



66.3402, 63.7450, 42.4858



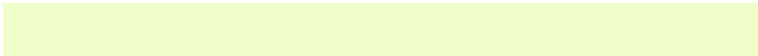
49.1076, 63.7450, 71.2989

Complementary

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



67.5519, 63.7450, 103.3514



81.9006, 94.0884, 69.1055

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.



50.2638, 63.7450, 54.6231



67.5519, 63.7450, 103.3514



59.9355, 63.7450, 39.8190

Square

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



67.5519, 63.7450, 103.3514



71.5031, 63.7450, 51.9020



54.1194, 63.7450, 43.8516



50.8439, 63.7450, 90.4634

Rectangle

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



67.5519, 63.7450, 103.3514



73.6472, 63.7450, 73.7628



54.1194, 63.7450, 43.8516



49.1712, 63.7450, 65.2270

Sweetspot

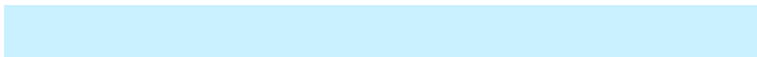
The Sweet Spot groups the original color and five complimentary colors.



67.5537, 63.7476, 103.3518



86.5110, 88.6385, 107.1571



73.2109, 81.7826, 106.5347



18.3257, 18.7189, 22.8972



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.



67.5537, 63.7476, 103.3518



63.3529, 58.3126, 102.5241



76.0039, 68.1038, 103.7472



17.5088, 17.6385, 22.7317



11.0997, 4.6326, 49.7437



1.1847, 0.5046, 4.8482

Inverse Universe

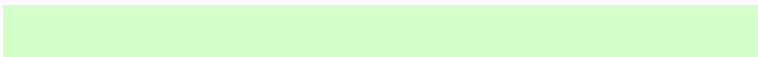
The Inverse Universe completely reimagines the original color for something new.



77.7081, 69.2676, 90.9375



75.0820, 64.6934, 87.9722



73.6579, 89.8391, 68.7198



18.5499, 18.2033, 21.5128



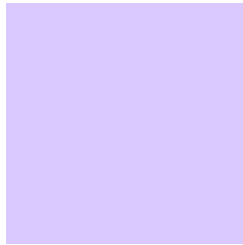
25.8929, 12.8465, 23.8843



2.5691, 1.2700, 2.5785

Previews

White Background



This preview shows how the XYZ color 67.5519, 63.7450, 103.3514 looks on a white background.

Color Contrast Check

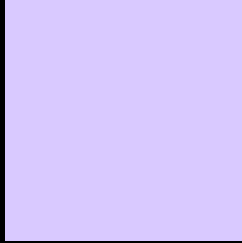
Large Text (above 18pt) WCAG AA × Fail

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 67.5519, 63.7450, 103.3514 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

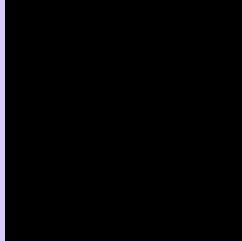
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.5519, 63.7450, 103.3514

Background



This preview shows how black text looks on a background with the XYZ color 67.5519, 63.7450, 103.3514.

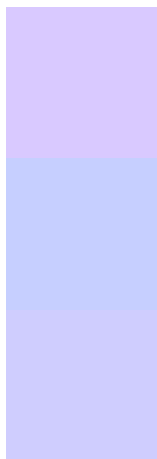


This preview shows how white text looks on a background with the XYZ color 67.5519, 63.7450,

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

67.5519, 63.7450, 103.3514

Protanopia

63.6515, 63.8514, 103.5775

Deuteranopia

65.4528, 64.0838, 102.6856



Tritanopia

62.7835, 63.9504, 78.8467

Trichromacy



Original Color

67.5519, 63.7450, 103.3514

Protanomaly

65.0582, 63.8618, 103.5054

Deuteranomaly

66.3462, 64.1904, 102.6591

Tritanomaly

64.5583, 63.9569, 87.5396

Monochromacy



Original Color

67.5519, 63.7450, 103.3514

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

64.2910, 65.0093, 82.5583

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.5519, 63.7450, 103.3514 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(217, 201, 255)` looks like.

```
.text, #text, p{  
    color:rgb(217, 201, 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(217, 201, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 201, 255) }
```

Border

The CSS property to change the border of an element to XYZ 67.5519, 63.7450, 103.3514 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(217, 201, 255) }
```


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

```
.border{ border-color:rgb(217, 201, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 201, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 201, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 201, 255);  
box-shadow:4px 4px 4px 4px rgb(217, 201,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 67.5519, 63.7450, 103.3514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 201, 255) }
```

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

```
.background{ background-color: rgb(217,  
201, 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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