

Converting Colors

XYZ(69.1997, 66.5500,
103.8060)

Have a look what the booklet for
XYZ(69.1997, 66.5500, 103.8060)
contains.

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Color

**XYZ(69.2763, 66.7511,
103.8407)**

Conversions

Conversions Part 1

Format	Color
Hex	DACFFF
RGB	218, 207, 255
RGB Percent	85%, 81%, 100%
CMY	0.1451, 0.1882, 0.0000
CMYK	0.15, 0.19, 0.00, 0.00
HSL	254°, 100%, 91%
HSV	254°, 19%, 100%
XYZ	69.2763, 66.7511, 103.8407
YIQ	215.7610, -8.8520, 17.2600

Conversions

Conversions Part 2

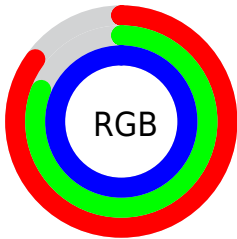
Format	Color
R _Y B	218, 207, 255
Decimal	14340095
CIE Lab	85.38, 13.00, -22.07
CIE LCh	85, 25.616, 300.490
Yxy	66.7511, 0.2888, 0.2783
Android (android.graphics.Color)	4292530175 (0xFFDACFFF)
YUV	215.7610, 19.3448, 1.9636
Hunter-Lab	81.7013, 8.3766, -18.1654

Details

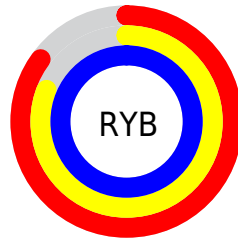
The XYZ color **69.2763, 66.7511, 103.8407** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **84.3321, 95.2587, 72.9766**, and the grayscale version is **64.9862, 68.3706, 74.4555**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.6885, 34.6462, 58.1798** is the 20% darker color. If you saturate the color by 10%, you get **58.0566, 52.5262, 101.6864**, and if you desaturate by 10%, it is **82.1946, 83.3361, 106.3611**.

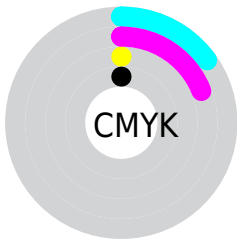
Distribution



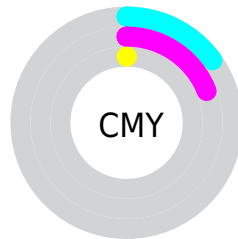
- Red (85%)
- Green (81%)
- Blue (100%)



- Red (85%)
- Yellow (81%)
- Blue (100%)



- Cyan (15%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (15%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.2763, 66.7511, 103.8407 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 69.2763, 66.7511, 103.8407 by changing the saturation by 10% instead.

69.2763, 66.7511,
103.8407

69.2763, 66.7511,
103.8407

447.3110,
449.0583, 593.7889

51.2142, 48.8824,
78.8772

117.2080,
114.5637, 168.5230

36.6009, 34.5262,
58.2742

147.8084,
145.2764, 209.0789

25.0709, 23.2981,
41.6129

183.3189,
181.0391, 255.6693

16.2589, 14.8138,
28.4750

224.1049,
222.2364, 308.7129

9.7995, 8.6888,
18.4419

270.5318,
269.2525, 368.6281

5.3275, 4.5388,
11.0950

322.9648,

2.4774, 1.9793,

322.4720, 435.8335

6.0158

381.7695,
382.2791, 510.7476

■ 0.8839, 0.5954,
2.7857

■ 0.0000, 0.0000,
0.9863

■ 69.2763, 66.7511,
103.8407

■ 69.2763, 66.7511,
103.8407

■ 58.0566, 52.5262,
101.6864

■ 82.1946, 83.3361,
106.3611

■ 48.4578, 40.5452,
99.8797

95.0500, 100.0000,
108.9000

■ 40.4043, 30.6941,
98.4028

■ 33.8123, 22.8454,
97.2353

■ 28.5892, 16.8580,
96.3548

■ 24.6317, 12.5716,
95.7361

■ 21.8198, 9.7978,
95.3489

■ 19.9916, 8.2693,
95.1502

■ 19.8201, 8.1325,
95.1328

Harmonies

Analogous

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



63.5404, 66.7511, 109.5460



69.2763, 66.7511, 103.8407



73.6590, 66.7511, 89.5845

Triad

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



69.2763, 66.7511, 103.8407



69.1012, 66.7511, 48.2672



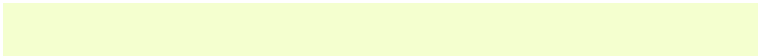
52.9288, 66.7511, 72.9542

Complementary

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



69.2763, 66.7511, 103.8407



84.3321, 95.2587, 72.9766

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.



54.2216, 66.7511, 58.0493



69.2763, 66.7511, 103.8407



63.3495, 66.7511, 45.1808

Square

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



69.2763, 66.7511, 103.8407



73.5536, 66.7511, 57.6428



57.9503, 66.7511, 48.4755



54.3076, 66.7511, 90.1297

Rectangle

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



69.2763, 66.7511, 103.8407



75.0978, 66.7511, 78.0891



57.9503, 66.7511, 48.4755



53.0645, 66.7511, 67.5278

Sweetspot

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



69.2782, 66.7538, 103.8412



86.1551, 88.4550, 107.1404



76.3153, 85.5498, 107.0983



18.2418, 18.6756, 22.8933



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.



69.2782, 66.7538, 103.8412



64.3873, 60.5287, 102.8974



76.7768, 70.6195, 104.1921



17.3924, 17.5785, 22.7263



10.4626, 4.3042, 49.7139



1.1090, 0.4656, 4.8447

Inverse Universe

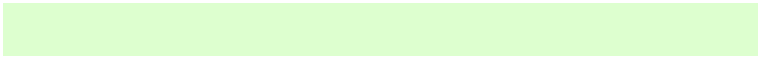
The Inverse Universe completely reimagines the original color for something new.



79.8835, 72.4198, 95.3579



77.0201, 67.2824, 92.5864



76.7213, 91.3352, 72.6204



18.6041, 18.2250, 21.7984



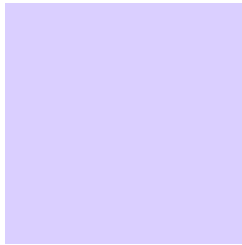
26.8488, 13.2288, 28.9179



2.6555, 1.3046, 3.0333

Previews

White Background



This preview shows how the XYZ color 69.2763, 66.7511, 103.8407 looks on a white background.

Color Contrast Check

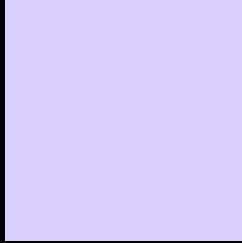
Large Text (above 18pt) WCAG AA × Fail

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 69.2763, 66.7511, 103.8407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

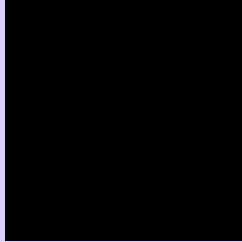
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.2763, 66.7511, 103.8407

Background



This preview shows how black text looks on a background with the XYZ color 69.2763, 66.7511, 103.8407.

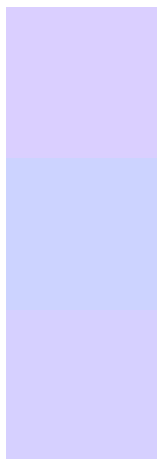


This preview shows how white text looks on a background with the XYZ color 69.2763, 66.7511,

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

69.2763, 66.7511, 103.8407

Protanopia

66.2461, 66.6459, 103.9801

Deuteranopia

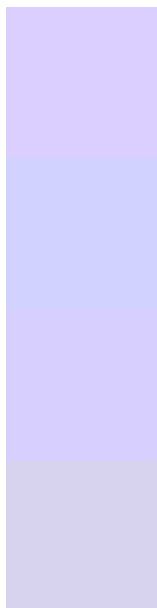
68.3374, 66.6279, 103.8664



Tritanopia

64.9876, 66.8345, 82.8739

Trichromacy



Original Color

69.2763, 66.7511, 103.8407

Protanomaly

67.3911, 66.8685, 103.9628

Deuteranomaly

68.6302, 66.7788, 103.8801

Tritanomaly

66.5035, 66.7133, 90.2608

Monochromacy



Original Color

69.2763, 66.7511, 103.8407

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

66.6924, 68.0534, 84.4835

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.2763, 66.7511, 103.8407 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, 207, 255)` looks like.

```
.text, #text, p{  
    color:rgb(218, 207, 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, 207, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 207, 255) }
```

Border

The CSS property to change the border of an element to XYZ 69.2763, 66.7511, 103.8407 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, 207, 255) }
```


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

```
.border{ border-color:rgb(218, 207, 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, 207, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 207, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 207, 255);  
box-shadow:4px 4px 4px 4px rgb(218, 207,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 69.2763, 66.7511, 103.8407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 207, 255) }
```

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

```
.background{ background-color: rgb(218,  
207, 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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