

Converting Colors

XYZ(70.0658, 67.0273,
107.1714)

Have a look what the booklet for
XYZ(70.0658, 67.0273, 107.1714)
contains.

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Color

**XYZ(69.5762, 66.9057,
103.8548)**

Conversions

Conversions Part 1

Format	Color
Hex	DBCFFF
RGB	219, 207, 255
RGB Percent	86%, 81%, 100%
CMY	0.1412, 0.1882, 0.0000
CMYK	0.14, 0.19, 0.00, 0.00
HSL	255°, 100%, 91%
HSV	255°, 19%, 100%
XYZ	69.5762, 66.9057, 103.8548
YIQ	216.0600, -8.2560, 17.4720

Conversions

Conversions Part 2

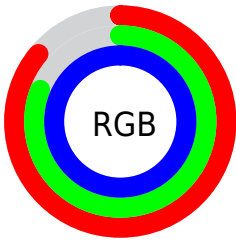
Format	Color
R _Y B	219, 207, 255
Decimal	14405631
CIE Lab	85.46, 13.31, -21.95
CIE LCh	85, 25.668, 301.231
Yxy	66.9057, 0.2895, 0.2784
Android (android.graphics.Color)	4292595711 (0xFFDBCFFF)
YUV	216.0600, 19.1974, 2.5784
Hunter-Lab	81.7959, 8.6906, -18.0223

Details

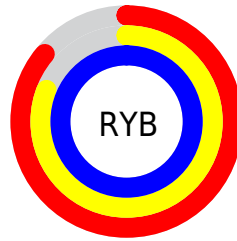
The XYZ color **69.5762, 66.9057, 103.8548** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **83.9861, 95.0804, 72.9604**, and the grayscale version is **65.1901, 68.5851, 74.6892**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.8941, 34.7522, 58.1894** is the 20% darker color. If you saturate the color by 10%, you get **58.4631, 52.7358, 101.7054**, and if you desaturate by 10%, it is **82.3518, 83.4171, 106.3685**.

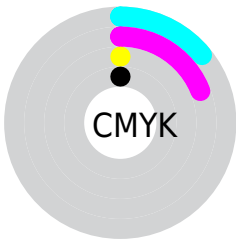
Distribution



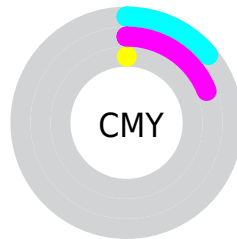
- Red (86%)
- Green (81%)
- Blue (100%)



- Red (86%)
- Yellow (81%)
- Blue (100%)



- Cyan (14%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (14%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.5762, 66.9057, 103.8548 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 69.5762, 66.9057, 103.8548 by changing the saturation by 10% instead.

69.5762, 66.9057,
103.8548

69.5762, 66.9057,
103.8548

448.3502,
449.6090, 593.8340

51.4595, 49.0080,
78.8890

117.6338,
114.7853, 168.5425

36.7969, 34.6258,
58.2837

148.3053,
145.5359, 209.1014

25.2232, 23.3748,
41.6206

183.8924,
181.3397, 255.6951

16.3731, 14.8705,
28.4810

224.7606,
222.5810, 308.7421

9.8811, 8.7285,
18.4463

271.2751,
269.6442, 368.6609

5.3818, 4.5645,
11.0982

323.8013,

2.5100, 1.9941,

322.9136, 435.8701

6.0179

382.7045,
382.7738, 510.7883

■ 0.9003, 0.6040,
2.7870

■ 0.0000, 0.0000,
0.9869

■ 69.5762, 66.9057,
103.8548

■ 69.5762, 66.9057,
103.8548

■ 58.4631, 52.7358,
101.7054

■ 82.3518, 83.4171,
106.3685

■ 48.9369, 40.7922,
99.9022

95.0500, 100.0000,
108.9000

■ 40.9242, 30.9621,
98.4271

■ 34.3432, 23.1192,
97.2601

■ 29.1044, 17.1236,
96.3790

■ 25.1071, 12.8167,
95.7583

■ 22.2347, 10.0117,
95.3683

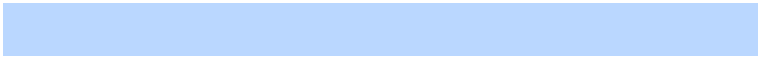
■ 20.3291, 8.4433,
95.1660

■ 20.1476, 8.3014,
95.1482

Harmonies

Analogous

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



63.8328, 66.9057, 109.8438



69.5762, 66.9057, 103.8548



73.9209, 66.9057, 89.3984

Triad

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



69.5762, 66.9057, 103.8548



69.1346, 66.9057, 48.1991



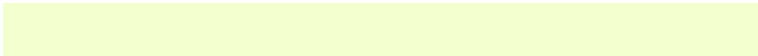
53.0410, 66.9057, 73.5403

Complementary

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



69.5762, 66.9057, 103.8548



83.9861, 95.0804, 72.9604

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.



54.2728, 66.9057, 58.4794



69.5762, 66.9057, 103.8548



63.3515, 66.9057, 45.2610

Square

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



69.5762, 66.9057, 103.8548



73.6552, 66.9057, 57.4544



57.9609, 66.9057, 48.7243



54.4896, 66.9057, 90.7736

Rectangle

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



69.5762, 66.9057, 103.8548



75.3129, 66.9057, 77.8478



57.9609, 66.9057, 48.7243



53.1548, 66.9057, 68.0688

Sweetspot

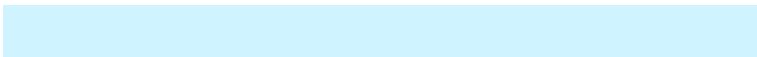
The Sweet Spot groups the original color and five complimentary colors.



69.5781, 66.9084, 103.8552



86.2653, 88.5118, 107.1456



76.0743, 85.0678, 107.0179



18.2678, 18.6890, 22.8945



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.



69.5781, 66.9084, 103.8552



64.7360, 60.7084, 102.9137



77.0511, 70.7609, 104.2049



17.4284, 17.5971, 22.7279



10.6413, 4.3963, 49.7223



1.1309, 0.4769, 4.8457

Inverse Universe

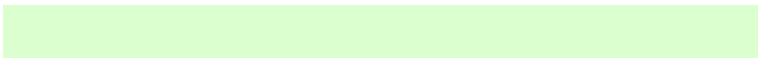
The Inverse Universe completely reimagines the original color for something new.



79.7320, 72.3592, 94.5605



76.8376, 67.2094, 91.6255



76.4788, 91.2102, 72.6090



18.5872, 18.2182, 21.7095



26.5404, 13.1054, 27.2937



2.6278, 1.2935, 2.8874

Previews

White Background



This preview shows how the XYZ color 69.5762, 66.9057, 103.8548 looks on a white background.

Color Contrast Check

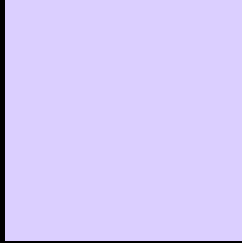
Large Text (above 18pt) WCAG AA × Fail

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 69.5762, 66.9057, 103.8548 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 69.5762, 66.9057, 103.8548

Background



This preview shows how black text looks on a background with the XYZ color 69.5762, 66.9057, 103.8548.

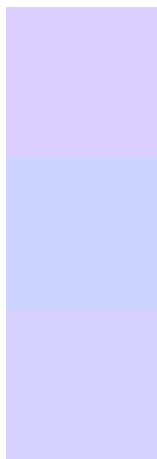


This preview shows how white text looks on a background with the XYZ color 69.5762, 66.9057,

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

69.5762, 66.9057, 103.8548

Protanopia

66.4953, 67.1443, 104.0632

Deuteranopia

68.5820, 67.1171, 103.9480



Tritanopia

65.2786, 66.9845, 82.8875

Trichromacy



Original Color

69.5762, 66.9057, 103.8548

Protanomaly

67.3911, 66.8685, 103.9628

Deuteranomaly

68.9248, 66.9307, 103.8939

Tritanomaly

66.7981, 66.8652, 90.2745

Monochromacy



Original Color

69.5762, 66.9057, 103.8548

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 69.5762, 66.9057, 103.8548 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(219, 207, 255)` looks like.

```
.text, #text, p{  
    color:rgb(219, 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(219, 207, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 207, 255) }
```

Border

The CSS property to change the border of an element to XYZ 69.5762, 66.9057, 103.8548 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(219, 207, 255) }
```


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

```
.border{ border-color:rgb(219, 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(219, 207, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 207, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 207, 255);  
box-shadow:4px 4px 4px 4px rgb(219, 207,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 69.5762, 66.9057, 103.8548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 207, 255) }
```

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

```
.background{ background-color: rgb(219,  
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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