

Converting Colors

XYZ(69.0230, 64.6593,
103.4503)

Have a look what the booklet for
XYZ(69.0230, 64.6593, 103.4503)
contains.

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Color

**XYZ(69.0608, 64.5229,
103.4220)**

Conversions

Conversions Part 1

Format	Color
Hex	DEC9FF
RGB	222, 201, 255
RGB Percent	87%, 79%, 100%
CMY	0.1294, 0.2117, 0.0000
CMYK	0.13, 0.21, 0.00, 0.00
HSL	263°, 100%, 89%
HSV	263°, 21%, 100%
XYZ	69.0608, 64.5229, 103.4220
YIQ	213.4350, -4.8180, 21.2460

Conversions

Conversions Part 2

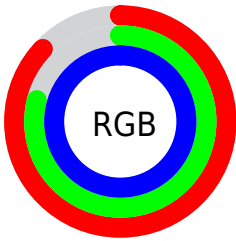
Format	Color
R _Y B	222, 201, 255
Decimal	14600703
CIE _{Lab}	84.24, 17.45, -23.78
CIE _{LCh}	84, 29.491, 306.273
Yxy	64.5229, 0.2914, 0.2722
Android (android.graphics.Color)	4292790783 (0xFFDEC9FF)
YUV	213.4350, 20.4915, 7.5115
Hunter-Lab	80.3261, 12.8955, -20.1091

Details

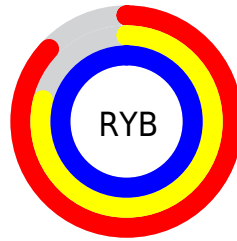
The XYZ color **69.0608, 64.5229, 103.4220** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **80.2358, 93.2302, 69.0277**, and the grayscale version is **63.4080, 66.7102, 72.6474**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.3526, 33.0516, 57.8897** is the 20% darker color. If you saturate the color by 10%, you get **59.0483, 51.2586, 101.3895**, and if you desaturate by 10%, it is **80.5049, 79.9933, 105.8049**.

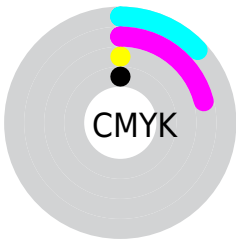
Distribution



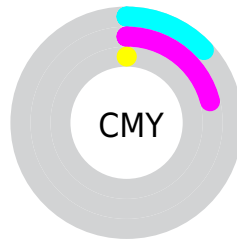
- Red (87%)
- Green (79%)
- Blue (100%)



- Red (87%)
- Yellow (79%)
- Blue (100%)



- Cyan (13%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (13%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.0608, 64.5229, 103.4220 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 69.0608, 64.5229, 103.4220 by changing the saturation by 10% instead.

69.0608, 64.5229,
103.4220

69.0608, 64.5229,
103.4220

446.5634,
441.0755, 592.4492

51.0380, 47.0743,
78.5287

116.9020,
111.3637, 167.9446

36.4601, 33.0944,
57.9894

147.4512,
141.5246, 208.4111

24.9615, 22.1988,
41.3855

182.9065,
176.6918, 254.9056

16.1769, 14.0030,
28.2984

223.6334,
217.2497, 307.8469

9.7411, 8.1228,
18.3097

269.9972,
263.5826, 367.6533

5.2886, 4.1736,
11.0009

322.3632,

2.4540, 1.7711,

316.0749, 434.7435

5.9532

381.0968,
375.1111, 509.5359

■ 0.8721, 0.4691,
2.7483

■ 0.0000, 0.0000,
0.9676

■ 69.0608, 64.5229,
103.4220

■ 69.0608, 64.5229,
103.4220

■ 59.0483, 51.2586,
101.3895

■ 80.5049, 79.9933,
105.8049

■ 50.4014, 40.0892,
99.6893

■ 93.4318, 97.7584,
108.5526

■ 43.0566, 30.9052,
98.3037

95.0500, 100.0000,
108.9000

■ 36.9430, 23.5839,
97.2128

■ 31.9820, 17.9885,
96.3942

■ 28.0846, 13.9623,
95.8225

■ 25.1459, 11.3184,
95.4671

■ 23.2133, 9.8818,
95.2916

Harmonies

Analogous

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



62.7094, 64.5229, 112.4111



69.0608, 64.5229, 103.4220



73.5569, 64.5229, 85.7428

Triad

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



69.0608, 64.5229, 103.4220



66.5203, 64.5229, 42.2051



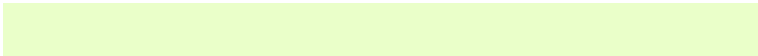
49.6720, 64.5229, 74.2577

Complementary

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



69.0608, 64.5229, 103.4220



80.2358, 93.2302, 69.0277

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.



50.5340, 64.5229, 56.7535



69.0608, 64.5229, 103.4220



59.9652, 64.5229, 40.2257

Square

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



69.0608, 64.5229, 103.4220



72.0189, 64.5229, 51.0524



54.1934, 64.5229, 45.0650



51.7496, 64.5229, 93.7529

Rectangle

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



69.0608, 64.5229, 103.4220



74.7314, 64.5229, 72.6186



54.1934, 64.5229, 45.0650



49.6298, 64.5229, 67.9422

Sweetspot

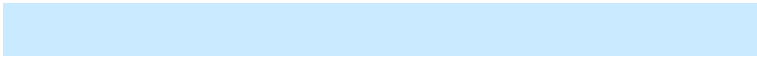
The Sweet Spot groups the original color and five complimentary colors.



69.0626, 64.5255, 103.4224



87.0051, 88.8932, 107.1802



71.6476, 78.6559, 106.0136



18.4423, 18.7790, 22.9026



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.



69.0626, 64.5255, 103.4224



65.0663, 59.1958, 102.6043



77.8981, 69.0803, 103.8359



17.6710, 17.7221, 22.7393



12.2843, 5.2432, 49.7992



1.3141, 0.5713, 4.8543

Inverse Universe

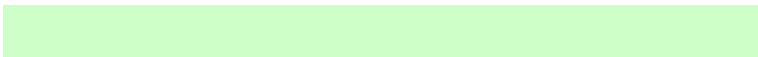
The Inverse Universe completely reimagines the original color for something new.



76.9795, 68.9763, 87.1005



74.2377, 64.3557, 83.5263



72.1204, 89.0466, 68.6479



18.4759, 18.1737, 21.1230



24.7525, 12.3903, 17.8791



2.4637, 1.2278, 2.0231

Previews

White Background



This preview shows how the XYZ color 69.0608, 64.5229, 103.4220 looks on a white background.

Color Contrast Check

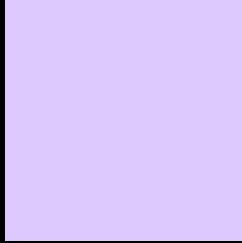
Large Text (above 18pt) WCAG AA × Fail

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 69.0608, 64.5229, 103.4220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

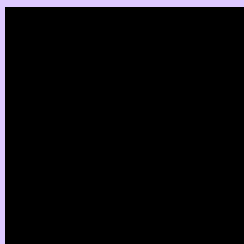
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.0608, 64.5229, 103.4220

Background



This preview shows how black text looks on a background with the XYZ color 69.0608, 64.5229, 103.4220.

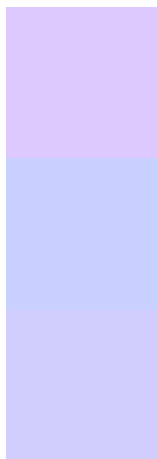


This preview shows how white text looks on a background with the XYZ color 69.0608, 64.5229,

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

69.0608, 64.5229, 103.4220

Protanopia

64.1591, 64.4739, 103.6709

Deuteranopia

66.2552, 64.8537, 102.7919



Tritanopia

64.2474, 64.7051, 78.9152

Trichromacy



Original Color

69.0608, 64.5229, 103.4220

Protanomaly

65.6134, 64.1480, 103.5314

Deuteranomaly

67.2138, 64.6376, 102.6997

Tritanomaly

66.0401, 64.7209, 87.6089

Monochromacy



Original Color

69.0608, 64.5229, 103.4220

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

65.1230, 65.8013, 82.6674

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.0608, 64.5229, 103.4220 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(222, 201, 255)` looks like.

```
.text, #text, p{  
    color:rgb(222, 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(222, 201, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 201, 255) }
```

Border

The CSS property to change the border of an element to XYZ 69.0608, 64.5229, 103.4220 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(222, 201, 255) }
```


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

```
.border{ border-color:rgb(222, 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(222, 201, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 201, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 201, 255);  
box-shadow:4px 4px 4px 4px rgb(222, 201,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 69.0608, 64.5229, 103.4220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 201, 255) }
```

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

```
.background{ background-color: rgb(222,  
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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