

Converting Colors

XYZ(69.1231, 63.0763,
103.1395)

Have a look what the booklet for
XYZ(69.1231, 63.0763, 103.1395)
contains.

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Color

**XYZ(69.0676, 63.1601,
103.1586)**

Conversions

Conversions Part 1

Format	Color
Hex	E1C5FF
RGB	225, 197, 255
RGB Percent	88%, 77%, 100%
CMY	0.1176, 0.2274, 0.0000
CMYK	0.12, 0.23, 0.00, 0.00
HSL	269°, 100%, 89%
HSV	269°, 23%, 100%
XYZ	69.0676, 63.1601, 103.1586
YIQ	211.9840, -1.9300, 23.9740

Conversions

Conversions Part 2

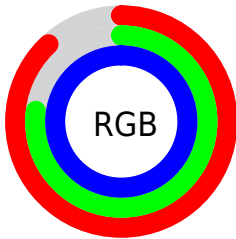
Format	Color
R_{YB}	225, 197, 255
Decimal	14796287
CIE _{Lab}	83.53, 20.53, -24.83
CIE _{LCh}	84, 32.219, 309.574
Yxy	63.1601, 0.2934, 0.2683
Android (android.graphics.Color)	4292986367 (0xFFE1C5FF)
YUV	211.9840, 21.2069, 11.4150
Hunter-Lab	79.4733, 16.0500, -21.3287

Details

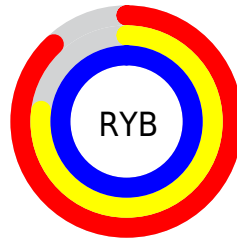
The XYZ color **69.0676, 63.1601, 103.1586** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **77.5180, 91.8828, 66.4758**, and the grayscale version is **62.4348, 65.6863, 71.5324**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **36.3777, 32.1572, 57.7157** is the 20% darker color. If you saturate the color by 10%, you get **59.8058, 50.5061, 101.2043**, and if you desaturate by 10%, it is **79.6300, 77.9416, 105.4550**.

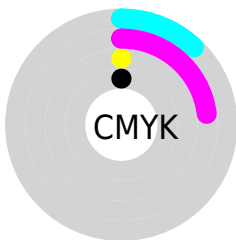
Distribution



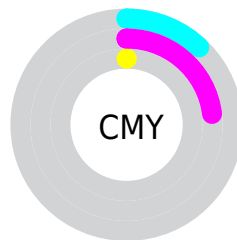
- Red (88%)
- Green (77%)
- Blue (100%)



- Red (88%)
- Yellow (77%)
- Blue (100%)



- Cyan (12%)
- Magenta (23%)
- Yellow (0%)
- Black (0%)



- Cyan (12%)
- Magenta (23%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.0676, 63.1601, 103.1586 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 69.0676, 63.1601, 103.1586 by changing the saturation by 10% instead.

69.0676, 63.1601,
103.1586

69.0676, 63.1601,
103.1586

446.5870,
436.1503, 591.6056

51.0436, 45.9707,
78.3095

116.9117,
109.4005, 167.5807

36.4645, 32.2227,
57.8103

147.4624,
139.2202, 207.9908

24.9649, 21.5317,
41.2425

182.9195,
174.0190, 254.4249

16.1795, 13.5132,
28.1875

223.6483,
214.1810, 307.3017

9.7429, 7.7829,
18.2267

270.0140,
260.0907, 367.0396

5.2898, 3.9563,
10.9418

322.3822,

2.4548, 1.6492,

312.1326, 434.0572

5.9140

381.1181,
370.6910, 508.7730

■ 0.8725, 0.3904,
2.7249

■ 0.0000, 0.0000,
0.9559

■ 69.0676, 63.1601,
103.1586

■ 69.0676, 63.1601,
103.1586

■ 59.8058, 50.5061,
101.2043

■ 79.6300, 77.9416,
105.4550

■ 51.7828, 39.8698,
99.5741

■ 91.5403, 94.9381,
108.1079

■ 44.9395, 31.1429,
98.2504

95.0500, 100.0000,
108.9000

■ 39.2093, 24.2035,
97.2129

■ 34.5179, 18.9150,
96.4394

■ 30.7806, 15.1202,
95.9039

■ 27.8960, 12.6292,
95.5751

■ 26.2329, 11.4385,
95.4330

Harmonies

Analogous

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



62.3097, 63.1601, 114.4762



69.0676, 63.1601, 103.1586



73.6201, 63.1601, 83.1947

Triad

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



69.0676, 63.1601, 103.1586



64.8770, 63.1601, 38.4821



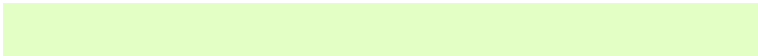
47.6578, 63.1601, 75.4168

Complementary

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



69.0676, 63.1601, 103.1586



77.5180, 91.8828, 66.4758

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.



48.2276, 63.1601, 56.1182



69.0676, 63.1601, 103.1586



57.8101, 63.1601, 37.2089

Square

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



69.0676, 63.1601, 103.1586



71.0726, 63.1601, 46.9265



51.8205, 63.1601, 43.0251



50.1980, 63.1601, 96.5186

Rectangle

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



69.0676, 63.1601, 103.1586



74.5984, 63.1601, 69.0589



51.8205, 63.1601, 43.0251



47.4967, 63.1601, 68.4831

Sweetspot

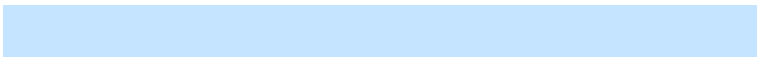
The Sweet Spot groups the original color and five complimentary colors.



69.0694, 63.1627, 103.1590



86.3020, 87.4260, 106.9340



68.8030, 74.5424, 105.3696



18.3176, 18.4919, 22.8538



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.



69.0694, 63.1627, 103.1590



64.9707, 57.5213, 102.2861



78.5497, 68.0500, 103.6027



17.8376, 17.8080, 22.7471



13.8778, 6.0648, 49.8738



1.4766, 0.6552, 4.8619

Inverse Universe

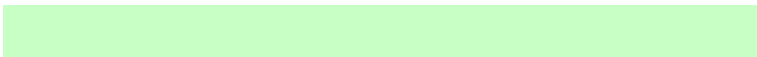
The Inverse Universe completely reimagines the original color for something new.



75.0729, 66.7410, 81.6006



71.9835, 61.7022, 77.0563



69.3754, 87.6851, 66.0948



18.4017, 18.1440, 20.7325



23.7973, 12.0082, 12.8488



2.3723, 1.1913, 1.5419

Previews

White Background



This preview shows how the XYZ color 69.0676, 63.1601, 103.1586 looks on a white background.

Color Contrast Check

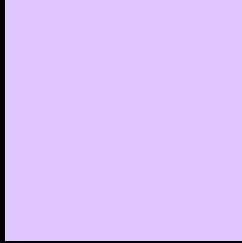
Large Text (above 18pt) WCAG AA × Fail

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 69.0676, 63.1601, 103.1586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

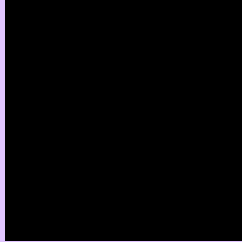
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.0676, 63.1601, 103.1586

Background



This preview shows how black text looks on a background with the XYZ color 69.0676, 63.1601, 103.1586.

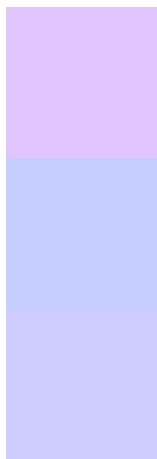


This preview shows how white text looks on a background with the XYZ color 69.0676, 63.1601,

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

69.0676, 63.1601, 103.1586

Protanopia

63.1473, 63.2329, 103.4847

Deuteranopia

64.9359, 63.4633, 102.5931



Tritanopia

63.3555, 62.8864, 75.8169

Trichromacy



Original Color

69.0676, 63.1601, 103.1586

Protanomaly

65.1381, 63.1973, 103.3729

Deuteranomaly

66.2166, 63.0752, 102.4507

Tritanomaly

65.2709, 62.9716, 85.0585

Monochromacy



Original Color

69.0676, 63.1601, 103.1586

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

64.9317, 64.9788, 82.5187

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.0676, 63.1601, 103.1586 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(225, 197, 255)` looks like.

```
.text, #text, p{  
    color:rgb(225, 197, 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(225, 197, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 197, 255) }
```

Border

The CSS property to change the border of an element to XYZ 69.0676, 63.1601, 103.1586 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(225, 197, 255) }
```


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

```
.border{ border-color:rgb(225, 197, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 197, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 197, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 197, 255);  
box-shadow:4px 4px 4px 4px rgb(225, 197,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 69.0676, 63.1601, 103.1586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 197, 255) }
```

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

```
.background{ background-color: rgb(225,  
197, 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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