

Converting Colors

XYZ(67.3698, 64.6995,
103.5452)

Have a look what the booklet for
XYZ(67.3698, 64.6995, 103.5452)
contains.

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Color

**XYZ(67.3744, 64.7019,
103.5454)**

Conversions

Conversions Part 1

Format	Color
Hex	D6CCFF
RGB	214, 204, 255
RGB Percent	84%, 80%, 100%
CMY	0.1608, 0.2000, 0.0000
CMYK	0.16, 0.20, 0.00, 0.00
HSL	252°, 100%, 90%
HSV	252°, 20%, 100%
XYZ	67.3744, 64.7019, 103.5454
YIQ	212.8040, -10.4110, 17.9810

Conversions

Conversions Part 2

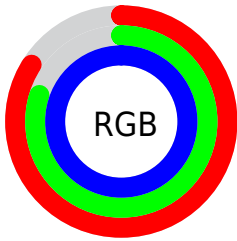
Format	Color
R _Y B	214, 204, 255
Decimal	14077183
CIE Lab	84.33, 13.36, -23.69
CIE LCh	84, 27.201, 299.415
Yxy	64.7019, 0.2859, 0.2746
Android (android.graphics.Color)	4292267263 (0xFFD6CCFF)
YUV	212.8040, 20.8026, 1.0489
Hunter-Lab	80.4375, 8.7459, -20.0165

Details

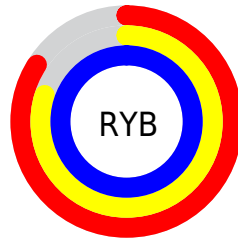
The XYZ color **67.3744, 64.7019, 103.5454** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **84.3167, 95.2928, 71.0791**, and the grayscale version is **62.9870, 66.2672, 72.1650**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.3975, 33.2608, 57.9804** is the 20% darker color. If you saturate the color by 10%, you get **56.1914, 50.6655, 101.4256**, and if you desaturate by 10%, it is **80.3063, 81.1161, 106.0321**.

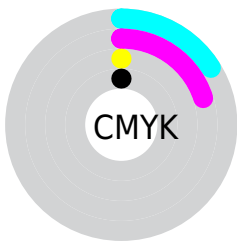
Distribution



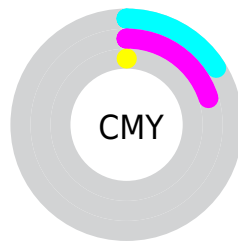
- Red (84%)
- Green (80%)
- Blue (100%)



- Red (84%)
- Yellow (80%)
- Blue (100%)



- Cyan (16%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (16%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.3744, 64.7019, 103.5454 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 67.3744, 64.7019, 103.5454 by changing the saturation by 10% instead.

67.3744, 64.7019,
103.5454

67.3744, 64.7019,
103.5454

440.6878,
441.7200, 592.8442

49.6608, 47.2194,
78.6314

114.5036,
111.6212, 168.1151

35.3606, 33.2091,
58.0733

144.6498,
141.8267, 208.6079

24.1086, 22.2867,
41.4525

179.6710,
177.0421, 255.1308

15.5394, 14.0677,
28.3504

219.9324,
217.6517, 308.1022

9.2876, 8.1678,
18.3487

265.7994,
264.0399, 367.9407

4.9878, 4.2025,
11.0286

317.6374,

2.2748, 1.7875,

316.5910, 435.0648

5.9716

375.8118,
375.6896, 509.8932

■ 0.7817, 0.4793,
2.7593

■ 0.0000, 0.0000,
0.9731

■ 67.3744, 64.7019,
103.5454

■ 67.3744, 64.7019,
103.5454

■ 56.1914, 50.6655,
101.4256

■ 80.3063, 81.1161,
106.0321

■ 46.6758, 38.8884,
99.6539

95.0500, 100.0000,
108.9000

■ 38.7474, 29.2532,
98.2120

■ 32.3175, 21.6292,
97.0793

■ 27.2878, 15.8707,
96.2329

■ 23.5482, 11.8121,
95.6466

■ 20.9703, 9.2577,
95.2894

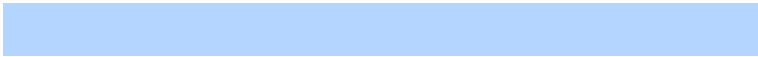
■ 19.3653, 7.8981,
95.1116

■ 19.3650, 7.8979,
95.1115

Harmonies

Analogous

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



61.3789, 64.7019, 109.1809



67.3744, 64.7019, 103.5454



72.0378, 64.7019, 88.7483

Triad

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



67.3744, 64.7019, 103.5454



67.5926, 64.7019, 45.5372



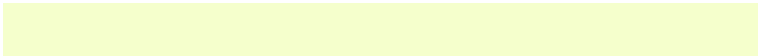
50.6080, 64.7019, 70.1107

Complementary

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



67.3744, 64.7019, 103.5454



84.3167, 95.2928, 71.0791

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.



52.0385, 64.7019, 54.8564



67.3744, 64.7019, 103.5454



61.6157, 64.7019, 42.1686

Square

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



67.3744, 64.7019, 103.5454



72.1695, 64.7019, 55.3551



55.9722, 64.7019, 45.2841



51.9326, 64.7019, 88.0648

Rectangle

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



67.3744, 64.7019, 103.5454



73.6239, 64.7019, 76.7322



55.9722, 64.7019, 45.2841



50.7811, 64.7019, 64.5193

Sweetspot

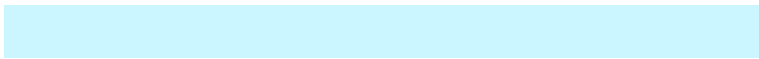
The Sweet Spot groups the original color and five complimentary colors.



67.3762, 64.7045, 103.5458



85.9804, 88.3650, 107.1322



75.8028, 85.7574, 107.1653



18.2006, 18.6544, 22.8913



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.



67.3762, 64.7045, 103.5458



62.6949, 58.8076, 102.6544



75.1905, 68.7329, 103.9115



17.3354, 17.5491, 22.7236



10.2123, 4.1751, 49.7022



1.0770, 0.4491, 4.8432

Inverse Universe

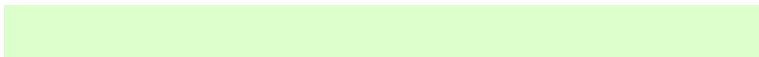
The Inverse Universe completely reimagines the original color for something new.



79.3158, 71.0407, 95.9200



76.6652, 66.2258, 93.5376



76.2213, 91.1194, 70.7003



18.6310, 18.2357, 21.9400



27.3612, 13.4338, 31.6161



2.7012, 1.3229, 3.2741

Previews

White Background



This preview shows how the XYZ color 67.3744, 64.7019, 103.5454 looks on a white background.

Color Contrast Check

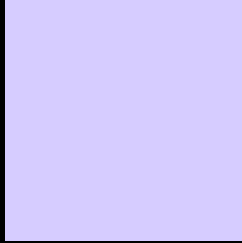
Large Text (above 18pt) WCAG AA × Fail

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 67.3744, 64.7019, 103.5454 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

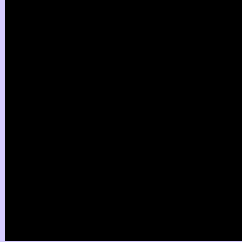
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.3744, 64.7019, 103.5454

Background



This preview shows how black text looks on a background with the XYZ color 67.3744, 64.7019, 103.5454.

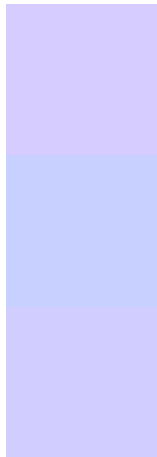


This preview shows how white text looks on a background with the XYZ color 67.3744, 64.7019,

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

67.3744, 64.7019, 103.5454

Protanopia

64.4253, 64.6111, 103.6834

Deuteranopia

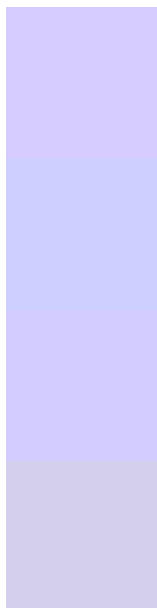
66.4158, 64.9179, 103.6377



Tritanopia

62.8224, 64.6472, 81.1186

Trichromacy



Original Color

67.3744, 64.7019, 103.5454

Protanomaly

65.5397, 64.8248, 103.6659

Deuteranomaly

66.7453, 64.7315, 103.5843

Tritanomaly

64.4629, 64.5890, 89.1901

Monochromacy



Original Color

67.3744, 64.7019, 103.5454

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

64.4908, 65.8408, 82.7083

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.3744, 64.7019, 103.5454 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(214, 204, 255)` looks like.

```
.text, #text, p{  
    color:rgb(214, 204, 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(214, 204, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 204, 255) }
```

Border

The CSS property to change the border of an element to XYZ 67.3744, 64.7019, 103.5454 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(214, 204, 255) }
```


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

```
.border{ border-color:rgb(214, 204, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 204, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 204, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 204, 255);  
box-shadow:4px 4px 4px 4px rgb(214, 204,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 67.3744, 64.7019, 103.5454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 204, 255) }
```

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

```
.background{ background-color: rgb(214,  
204, 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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