

Converting Colors

XYZ(63.5455, 54.7222, 99.6830)

Have a look what the booklet for
XYZ(63.5455, 54.7222, 99.6830)
contains.

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Color

**XYZ(63.5096, 54.6406,
99.2948)**

Conversions

Conversions Part 1

Format	Color
Hex	DDB3FC
RGB	221, 179, 252
RGB Percent	87%, 70%, 99%
CMY	0.1333, 0.2980, 0.0118
CMYK	0.12, 0.29, 0.00, 0.01
HSL	275°, 92%, 85%
HSV	275°, 29%, 99%
XYZ	63.5096, 54.6406, 99.2948
YIQ	199.8800, 1.5990, 31.6070

Conversions

Conversions Part 2

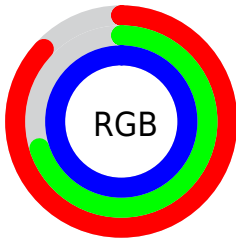
Format	Color
R_{YB}	221, 179, 252
Decimal	14529532
CIE _{Lab}	78.83, 28.36, -30.44
CIE _{LCh}	79, 41.603, 312.969
Yxy	54.6406, 0.2921, 0.2513
Android (android.graphics.Color)	4292719612 (0xFFDDB3FC)
YUV	199.8800, 25.6952, 18.5222
Hunter-Lab	73.9193, 24.0040, -27.9000

Details

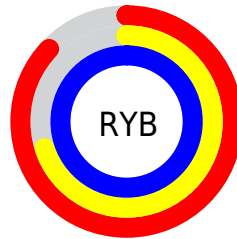
The XYZ color **63.5096, 54.6406, 99.2948** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **69.5271, 86.5784, 55.6971**, and the grayscale version is **54.6737, 57.5210, 62.6403**.

A 20% lighter version of the original color is **88.9983, 87.8967, 106.8828**, and **32.8282, 26.8612, 55.0842** is the 20% darker color. If you saturate the color by 10%, you get **55.7583, 43.8209, 97.6158**, and if you desaturate by 10%, it is **72.3950, 67.4177, 101.2936**.

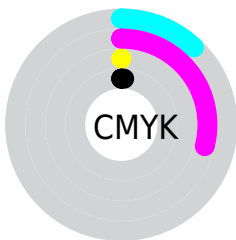
Distribution



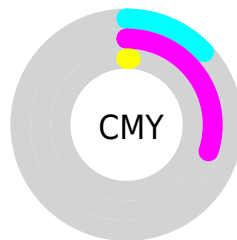
- Red (87%)
- Green (70%)
- Blue (99%)



- Red (87%)
- Yellow (70%)
- Blue (99%)



- Cyan (12%)
- Magenta (29%)
- Yellow (0%)
- Black (1%)



- Cyan (13%)
- Magenta (30%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.5096, 54.6406, 99.2948 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 63.5096, 54.6406, 99.2948 by changing the saturation by 10% instead.

63.5096, 54.6406,
99.2948

63.5096, 54.6406,
99.2948

427.0469,
404.5481, 579.1567

46.5138, 39.1140,
75.0981

108.9821, 97.0142,
162.2312

32.8578, 26.8485,
55.1911

138.1894,
124.6300, 201.8079

22.1762, 17.4594,
39.1551

172.1980,
157.0444, 247.3485

14.1038, 10.5626,
26.5716

211.3732,
194.6417, 299.2713

8.2751, 5.7735,
17.0222

256.0803,
237.8063, 357.9950

4.3247, 2.7079,
10.0882

306.6848,

1.8874, 0.9812,

286.9226, 423.9381

5.3511

363.5518,
342.3751, 497.5192

■ 0.5695, 0.0000,
2.3924

■ 0.0000, 0.0000,
0.7823

■ 63.5096, 54.6406,
99.2948

■ 63.5096, 54.6406,
99.2948

■ 55.7583, 43.8209,
97.6158

■ 72.3950, 67.4177,
101.2936

■ 49.0817, 34.8491,
96.2360

■ 82.4595, 82.2403,
103.6242

■ 43.4224, 27.6152,
95.1380

■ 93.7518, 99.1992,
106.3024

■ 38.7150, 21.9944,
94.3011

■ 94.5708, 99.8083,
106.3768

■ 34.8853, 17.8444,
93.7020

■ 31.8459, 14.9969,
93.3125

■ 29.4696, 13.2043,
93.0918

■ 29.2455, 13.0469,
93.0732

Harmonies

Analogous

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



55.5749, 54.6406, 115.6291



63.5096, 54.6406, 99.2948



68.6192, 54.6406, 73.8110

Triad

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



63.5096, 54.6406, 99.2948



56.7184, 54.6406, 25.7796



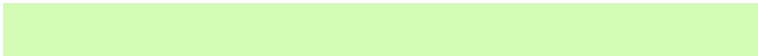
37.9636, 54.6406, 70.2794

Complementary

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



63.5096, 54.6406, 99.2948



69.5271, 86.5784, 55.6971

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.



38.2002, 54.6406, 47.1600



63.5096, 54.6406, 99.2948



48.4562, 54.6406, 25.3055

Square

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



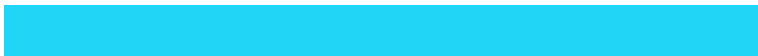
63.5096, 54.6406, 99.2948



64.4227, 54.6406, 33.5983



41.8585, 54.6406, 32.0673



41.1740, 54.6406, 96.1269

Rectangle

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



63.5096, 54.6406, 99.2948



69.4341, 54.6406, 57.1728



41.8585, 54.6406, 32.0673



37.6535, 54.6406, 61.8779

Sweetspot

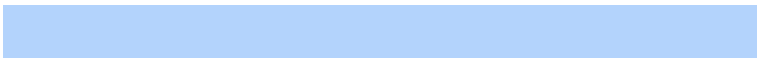
The Sweet Spot groups the original color and five complimentary colors.



63.5114, 54.6429, 99.2960



84.6656, 84.4196, 106.4400



59.3663, 63.0206, 101.1315



17.7833, 17.5663, 22.7033



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.



63.5114, 54.6429, 99.2960



60.2856, 49.1686, 100.9208



73.0755, 59.6614, 95.7689



17.2394, 17.1361, 21.7843



15.4063, 6.8849, 48.4905



1.5480, 0.7001, 4.4967

Inverse Universe

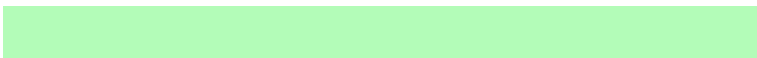
The Inverse Universe completely reimagines the original color for something new.



67.8995, 57.5909, 68.5123



65.6880, 52.7845, 63.6337



62.0404, 82.6610, 57.9618



17.5505, 17.3476, 19.4886



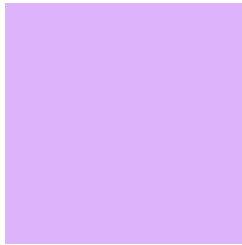
22.3648, 11.3616, 8.6295



2.1231, 1.0730, 1.0718

Previews

White Background



This preview shows how the XYZ color 63.5096, 54.6406, 99.2948 looks on a white background.

Color Contrast Check

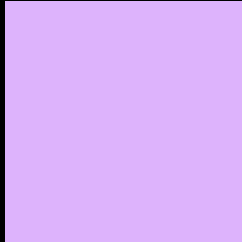
Large Text (above 18pt) WCAG AA × Fail

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 63.5096, 54.6406, 99.2948 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

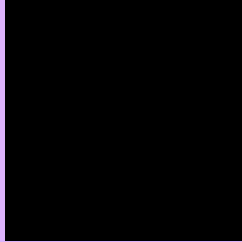
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.5096, 54.6406, 99.2948

Background



This preview shows how black text looks on a background with the XYZ color 63.5096, 54.6406, 99.2948.



This preview shows how white text looks on a background with the XYZ color 63.5096, 54.6406,

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

63.5096, 54.6406, 99.2948

Protanopia

55.4801, 54.8249, 102.2659

Deuteranopia

56.1982, 54.9779, 97.2724



Tritanopia

56.2033, 54.4244, 64.0426

Trichromacy



Original Color

63.5096, 54.6406, 99.2948



Protanomaly

58.1207, 54.5915, 101.2399



Deuteranomaly

58.5788, 54.5849, 97.8910



Tritanomaly

58.7190, 54.5173, 75.8347

Monochromacy



Original Color

63.5096, 54.6406, 99.2948



Achromatopsia

54.8990, 57.7580, 62.8985



Achromatomaly

57.6482, 56.2236, 74.8317

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.5096, 54.6406, 99.2948 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(221, 179, 252)` looks like.

```
.text, #text, p{  
    color:rgb(221, 179, 252)  
}
```

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(221, 179, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 179, 252) }
```

Border

The CSS property to change the border of an element to XYZ 63.5096, 54.6406, 99.2948 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(221, 179, 252) }
```


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

```
.border{ border-color:rgb(221, 179, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 179, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 179, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 179, 252);  
box-shadow:4px 4px 4px 4px rgb(221, 179,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 63.5096, 54.6406, 99.2948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 179, 252) }
```

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

```
.background{ background-color: rgb(221,  
179, 252) }
```

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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