

Converting Colors

XYZ(63.7772, 52.8865,
101.4544)

Have a look what the booklet for
XYZ(63.7772, 52.8865, 101.4544)
contains.

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Color

**XYZ(63.7340, 52.9544,
101.4698)**

Conversions

Conversions Part 1

Format	Color
Hex	E0ADFF
RGB	224, 173, 255
RGB Percent	88%, 68%, 100%
CMY	0.1216, 0.3216, 0.0000
CMYK	0.12, 0.32, 0.00, 0.00
HSL	277°, 100%, 84%
HSV	277°, 32%, 100%
XYZ	63.7340, 52.9544, 101.4698
YIQ	197.5970, 4.0740, 36.3140

Conversions

Conversions Part 2

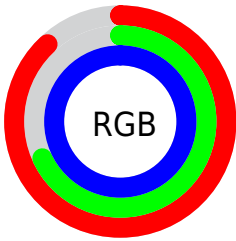
Format	Color
RYB	224, 173, 255
Decimal	14724607
CIELab	77.85, 33.12, -33.55
CIELCh	78, 47.141, 314.633
Yxy	52.9544, 0.2921, 0.2427
Android (android.graphics.Color)	4292914687 (0xFFE0ADFF)
YUV	197.5970, 28.2997, 23.1554
Hunter-Lab	72.7698, 28.9887, -31.7348

Details

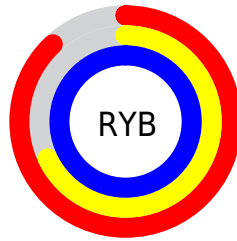
The XYZ color **63.7340, 52.9544, 101.4698** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **68.2058, 87.3750, 52.8078**, and the grayscale version is **53.2656, 56.0396, 61.0271**.

A 20% lighter version of the original color is **87.3093, 84.5186, 106.3198**, and **33.0580, 25.8350, 56.6704** is the 20% darker color. If you saturate the color by 10%, you get **56.3997, 42.5954, 99.8569**, and if you desaturate by 10%, it is **72.1740, 65.2712, 103.4024**.

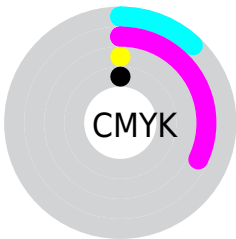
Distribution



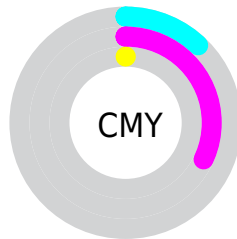
- Red (88%)
- Green (68%)
- Blue (100%)



- Red (88%)
- Yellow (68%)
- Blue (100%)



- Cyan (12%)
- Magenta (32%)
- Yellow (0%)
- Black (0%)




- Cyan (12%)
- Magenta (32%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.7340, 52.9544, 101.4698 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 63.7340, 52.9544, 101.4698 by changing the saturation by 10% instead.


 63.7340, 52.9544,
101.4698

 63.7340, 52.9544,
101.4698


427.8459,
398.1101, 586.1817

 46.6961, 37.7664,
76.9049


 109.3036, 94.5373,
165.2450

 33.0024, 25.8014,
56.6637


138.5661,
121.7009, 205.2924

 22.2876, 16.6751,
40.3278


172.6342,
153.6252, 251.3377

 14.1861, 10.0031,
27.4785

211.8732,
190.6945, 303.7994

 8.3328, 5.4010,
17.6973

256.6486,
233.2933, 363.0962

 4.3622, 2.4844,
10.5657

307.3255,

 1.9090, 0.8688,

281.8059, 429.6464

5.6651

364.2695,
336.6167, 503.8687

■ 0.5821, 0.0000,
2.5771

■ 0.0000, 0.0000,
0.8806

■ 63.7340, 52.9544,
101.4698

■ 63.7340, 52.9544,
101.4698

■ 56.3997, 42.5954,
99.8569

■ 72.1740, 65.2712,
103.4024

■ 50.1103, 34.0798,
98.5447

■ 81.7666, 79.6388,
105.6700

■ 44.8059, 27.2911,
97.5139

■ 92.5617, 96.1518,
108.2884

■ 40.4179, 22.0964,
96.7425

■ 95.0500, 100.0000,
108.9000

■ 36.8674, 18.3425,
96.2051

■ 34.0600, 15.8449,
95.8710

■ 32.2687, 14.5500,
95.7154

Harmonies

Analogous

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



54.9090, 52.9544, 121.4557



63.7340, 52.9544, 101.4698



69.2770, 52.9544, 72.0709

Triad

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



63.7340, 52.9544, 101.4698



55.1402, 52.9544, 21.4378



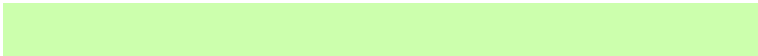
35.1534, 52.9544, 71.3493

Complementary

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



63.7340, 52.9544, 101.4698



68.2058, 87.3750, 52.8078

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.



35.1994, 52.9544, 45.3080



63.7340, 52.9544, 101.4698



46.0159, 52.9544, 21.3515

Square

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



63.7340, 52.9544, 101.4698



63.9209, 52.9544, 29.0053



38.9535, 52.9544, 28.7174



38.8192, 52.9544, 100.8055

Rectangle

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



63.7340, 52.9544, 101.4698



69.9868, 52.9544, 53.6830



38.9535, 52.9544, 28.7174



34.7509, 52.9544, 61.8253

Sweetspot

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



63.7356, 52.9566, 101.4701



83.9897, 83.0130, 106.2041



56.9813, 59.4981, 103.0888



17.6656, 17.2948, 22.6571



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.



63.7356, 52.9566, 101.4701



58.5985, 45.6598, 100.3325



72.7322, 57.7680, 94.0508



18.0884, 17.9373, 22.7588



17.0323, 7.6909, 50.0214



1.7798, 0.8115, 4.8761

Inverse Universe

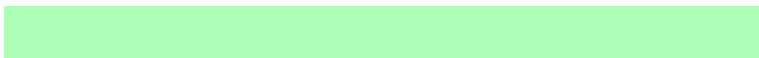
The Inverse Universe completely reimagines the original color for something new.



67.0838, 55.5087, 64.3068



62.6951, 48.7430, 56.6417



61.4972, 83.8058, 57.5008



18.2934, 18.1007, 20.1624



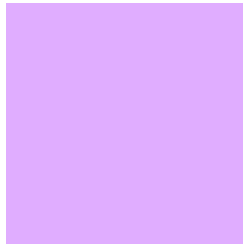
22.7283, 11.5806, 7.2198



2.2640, 1.1480, 0.9719

Previews

White Background



This preview shows how the XYZ color 63.7340, 52.9544, 101.4698 looks on a white background.

Color Contrast Check

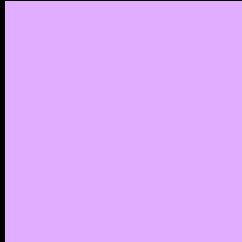
Large Text (above 18pt) WCAG AA × Fail

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 63.7340, 52.9544, 101.4698 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 63.7340, 52.9544, 101.4698

Background



This preview shows how black text looks on a background with the XYZ color 63.7340, 52.9544, 101.4698.



This preview shows how white text looks on a background with the XYZ color 63.7340, 52.9544,

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

63.7340, 52.9544, 101.4698

Protanopia

54.1364, 53.4803, 102.0772

Deuteranopia

54.3587, 53.0072, 99.4619



Tritanopia

55.4736, 52.8516, 61.3104

Trichromacy



Original Color

63.7340, 52.9544, 101.4698



Protanomaly

56.9287, 52.7074, 101.7808



Deuteranomaly

57.1688, 52.5609, 100.0607

Tritanomaly

58.0209, 52.6624, 74.1247

Monochromacy



Original Color

63.7340, 52.9544, 101.4698



Achromatopsia

53.6758, 56.4712, 61.4971



Achromatomaly

56.7159, 54.7751, 74.6012

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.7340, 52.9544, 101.4698 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(224, 173, 255)` looks like.

```
.text, #text, p{  
    color:rgb(224, 173, 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(224, 173, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 173, 255) }
```

Border

The CSS property to change the border of an element to XYZ 63.7340, 52.9544, 101.4698 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(224, 173, 255) }
```


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

```
.border{ border-color:rgb(224, 173, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 173, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 173, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 173, 255);  
box-shadow:4px 4px 4px 4px rgb(224, 173,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 63.7340, 52.9544, 101.4698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 173, 255) }
```

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

```
.background{ background-color: rgb(224,  
173, 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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