

Converting Colors

XYZ(63.0843, 52.0577,
101.3310)

Have a look what the booklet for
XYZ(63.0843, 52.0577, 101.3310)
contains.

XYZ(63.0443, 52.0338, 101.3285)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(63.0443, 52.0338,
101.3285)**

Conversions

Conversions Part 1

Format	Color
Hex	DFABFF
RGB	223, 171, 255
RGB Percent	87%, 67%, 100%
CMY	0.1255, 0.3294, 0.0000
CMYK	0.13, 0.33, 0.00, 0.00
HSL	277°, 100%, 84%
HSV	277°, 33%, 100%
XYZ	63.0443, 52.0338, 101.3285
YIQ	196.1240, 4.0280, 37.1480

Conversions

Conversions Part 2

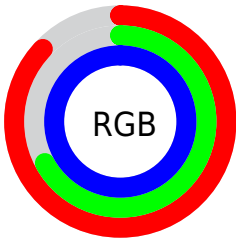
Format	Color
R _Y B	223, 171, 255
Decimal	14658559
CIE Lab	77.30, 33.89, -34.40
CIE LCh	77, 48.291, 314.575
Yxy	52.0338, 0.2913, 0.2404
Android (android.graphics.Color)	4292848639 (0xFFDFABFF)
YUV	196.1240, 29.0259, 23.5703
Hunter-Lab	72.1345, 29.7707, -32.7916

Details

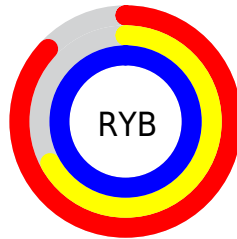
The XYZ color **63.0443, 52.0338, 101.3285** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **67.7404, 87.1573, 51.7832**, and the grayscale version is **52.3748, 55.1024, 60.0065**.

A 20% lighter version of the original color is **86.7591, 83.4182, 106.1364**, and **32.6078, 25.2496, 56.5811** is the 20% darker color. If you saturate the color by 10%, you get **55.7769, 41.8146, 99.7390**, and if you desaturate by 10%, it is **71.4157, 64.2039, 103.2363**.

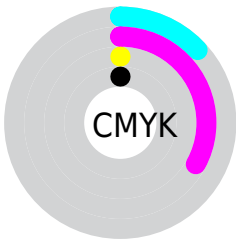
Distribution



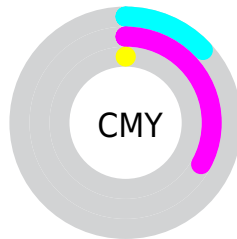
- Red (87%)
- Green (67%)
- Blue (100%)



- Red (87%)
- Yellow (67%)
- Blue (100%)



- Cyan (13%)
- Magenta (33%)
- Yellow (0%)
- Black (0%)



- Cyan (13%)
- Magenta (33%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.0443, 52.0338, 101.3285 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 63.0443, 52.0338, 101.3285 by changing the saturation by 10% instead.


 63.0443, 52.0338,
101.3285

 63.0443, 52.0338,
101.3285


425.3874,
394.5671, 585.7266

 46.1358, 37.0320,
76.7874

 108.3149, 93.1811,
165.0494

 32.5581, 25.2323,
56.5679


137.4077,
120.0954, 205.0664

 21.9457, 16.2502,
40.2514

171.2927,
151.7493, 251.0790

 13.9334, 9.7014,
27.4193

210.3351,
188.5272, 303.5059

 8.1558, 5.2014,
17.6532

254.9005,
230.8136, 362.7655

 4.2474, 2.3659,
10.5344

305.3541,

 1.8430, 0.8083,

278.9927, 429.2765

5.6445

362.0613,
333.4491, 503.4574

■ 0.5434, 0.0000,
2.5649

■ 0.0000, 0.0000,
0.8742

■ 63.0443, 52.0338,
101.3285

■ 63.0443, 52.0338,
101.3285

■ 55.7769, 41.8146,
99.7390

■ 71.4157, 64.2039,
103.2363

■ 49.5522, 33.4313,
98.4489

■ 80.9384, 78.4186,
105.4781

■ 44.3098, 26.7662,
97.4388

■ 91.6626, 94.7731,
108.0696

■ 39.9804, 21.6851,
96.6862

95.0500, 100.0000,
108.9000

■ 36.4841, 18.0330,
96.1655

■ 33.7246, 15.6218,
95.8456

■ 32.1226, 14.4747,
95.7086

Harmonies

Analogous

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



54.0769, 52.0338, 121.7754



63.0443, 52.0338, 101.3285



68.6959, 52.0338, 71.3394

Triad

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



63.0443, 52.0338, 101.3285



54.3481, 52.0338, 20.3303



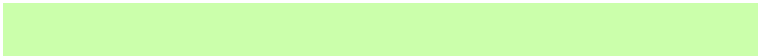
34.1399, 52.0338, 70.4909

Complementary

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



63.0443, 52.0338, 101.3285



67.7404, 87.1573, 51.7832

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.



34.1933, 52.0338, 44.1397



63.0443, 52.0338, 101.3285



45.1072, 52.0338, 20.2316

Square

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



63.0443, 52.0338, 101.3285



63.2641, 52.0338, 27.8600



37.9765, 52.0338, 27.5281



37.8201, 52.0338, 100.5425

Rectangle

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



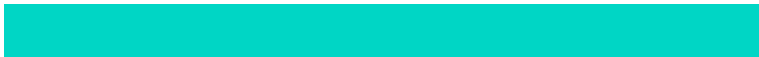
63.0443, 52.0338, 101.3285



69.4267, 52.0338, 52.6824



37.9765, 52.0338, 27.5281



33.7380, 52.0338, 60.8244

Sweetspot

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



63.0459, 52.0359, 101.3288



83.9638, 82.9997, 106.2029



56.2495, 58.6862, 102.9707



17.6593, 17.2915, 22.6568



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.



63.0459, 52.0359, 101.3288



57.8025, 44.6232, 100.1744



72.3159, 56.9924, 93.7360



18.0831, 17.9346, 22.7586



16.9563, 7.6518, 50.0178



1.7727, 0.8078, 4.8758

Inverse Universe

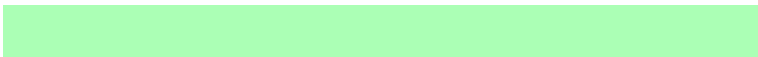
The Inverse Universe completely reimagines the original color for something new.



66.5836, 54.6995, 63.5503



62.1298, 47.8419, 55.7458



60.8760, 83.5066, 56.5207



18.2957, 18.1016, 20.1742



22.7466, 11.5879, 7.3162



2.2660, 1.1488, 0.9821

Previews

White Background



This preview shows how the XYZ color 63.0443, 52.0338, 101.3285 looks on a white background.

Color Contrast Check

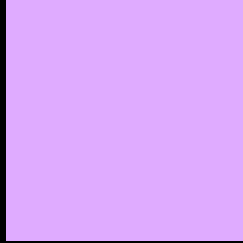
Large Text (above 18pt) WCAG AA × Fail

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 63.0443, 52.0338, 101.3285 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 63.0443, 52.0338, 101.3285

Background



This preview shows how black text looks on a background with the XYZ color 63.0443, 52.0338, 101.3285.



This preview shows how white text looks on a background with the XYZ color 63.0443, 52.0338,

101.3285.

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

63.0443, 52.0338, 101.3285

Protanopia

53.2609, 52.3858, 101.9121

Deuteranopia

53.6854, 52.3418, 99.3689



Tritanopia

54.7431, 52.1943, 60.0126

Trichromacy



Original Color

63.0443, 52.0338, 101.3285



Protanomaly

56.2638, 51.7523, 101.6315



Deuteranomaly

56.7057, 52.0171, 99.9801

Tritanomaly

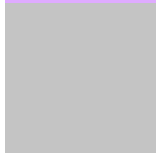
57.3903, 52.0539, 73.3523

Monochromacy



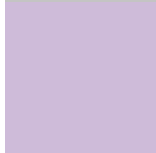
Original Color

63.0443, 52.0338, 101.3285



Achromatopsia

52.4687, 55.2011, 60.1140



Achromatomaly

55.7483, 53.6722, 73.0672

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.0443, 52.0338, 101.3285 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(223, 171, 255)` looks like.

```
.text, #text, p{  
    color:rgb(223, 171, 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(223, 171, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 171, 255) }
```

Border

The CSS property to change the border of an element to XYZ 63.0443, 52.0338, 101.3285 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(223, 171, 255) }
```


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

```
.border{ border-color:rgb(223, 171, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 171, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 171, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 171, 255);  
box-shadow:4px 4px 4px 4px rgb(223, 171,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 63.0443, 52.0338, 101.3285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 171, 255) }
```

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

```
.background{ background-color: rgb(223,  
171, 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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