

Converting Colors

XYZ(60.3796, 51.9369,
101.4502)

Have a look what the booklet for
XYZ(60.3796, 51.9369, 101.4502)
contains.

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Color

**XYZ(60.2439, 51.7288,
101.4172)**

Conversions

Conversions Part 1

Format	Color
Hex	D3AFFF
RGB	211, 175, 255
RGB Percent	83%, 69%, 100%
CMY	0.1725, 0.3137, 0.0000
CMYK	0.17, 0.31, 0.00, 0.00
HSL	267°, 100%, 84%
HSV	267°, 31%, 100%
XYZ	60.2439, 51.7288, 101.4172
YIQ	194.8840, -4.2240, 32.5120

Conversions

Conversions Part 2

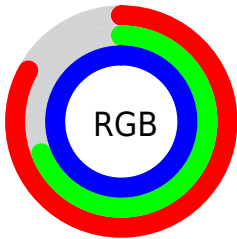
Format	Color
R _Y B	211, 175, 255
Decimal	13873151
CIE Lab	77.12, 28.13, -34.77
CIE LCh	77, 44.723, 308.969
Yxy	51.7288, 0.2823, 0.2424
Android (android.graphics.Color)	4292063231 (0xFFD3AFFF)
YUV	194.8840, 29.6372, 14.1337
Hunter-Lab	71.9227, 23.6503, -33.2580

Details

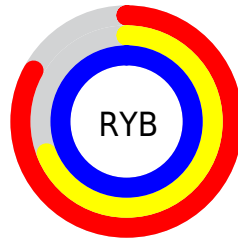
The XYZ color **60.2439, 51.7288, 101.4172** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **72.7123, 89.6757, 54.0364**, and the grayscale version is **51.6351, 54.3242, 59.1590**.

A 20% lighter version of the original color is **87.8659, 85.6318, 106.5053**, and **30.6701, 24.9648, 56.6283** is the 20% darker color. If you saturate the color by 10%, you get **51.8975, 40.7421, 99.7365**, and if you desaturate by 10%, it is **69.8812, 64.7745, 103.4273**.

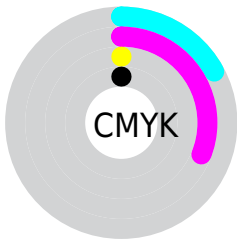
Distribution



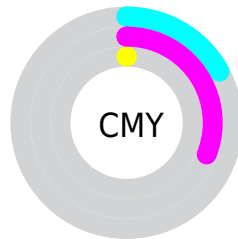
- Red (83%)
- Green (69%)
- Blue (100%)



- Red (83%)
- Yellow (69%)
- Blue (100%)



- Cyan (17%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)



- Cyan (17%)
- Magenta (31%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.2439, 51.7288, 101.4172 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 60.2439, 51.7288, 101.4172 by changing the saturation by 10% instead.

60.2439, 51.7288,
101.4172

60.2439, 51.7288,
101.4172

415.3165,
393.3887, 586.0123

43.8655, 36.7890,
76.8612

104.2877, 92.7312,
165.1722

30.7622, 25.0441,
56.6281

132.6838,
119.5625, 205.2083

20.5688, 16.1099,
40.2993

165.8165,
151.1264, 251.2414

12.9198, 9.6020,
27.4564

204.0512,
187.8073, 303.6902

7.4500, 5.1359,
17.6809

247.7532,
229.9895, 362.9731

3.7939, 2.3272,
10.5540

297.2878,

1.5862, 0.7880,

278.0576, 429.5087

5.6574

353.0205,
332.3959, 503.7156

■ 0.3834, 0.0000,
2.5725

■ 0.0000, 0.0000,
0.8782

■ 60.2439, 51.7288,
101.4172

■ 60.2439, 51.7288,
101.4172

■ 51.8975, 40.7421,
99.7365

■ 69.8812, 64.7745,
103.4273

■ 44.7753, 31.6978,
98.3661

■ 80.8618, 79.9749,
105.7826

■ 38.8117, 24.4770,
97.2867

■ 93.2411, 97.4270,
108.4987

■ 33.9317, 18.9446,
96.4760

■ 95.0500, 100.0000,
108.9000

■ 30.0505, 14.9456,
95.9087

■ 27.0674, 12.2947,
95.5542

■ 25.0874, 10.8479,
95.3793

Harmonies

Analogous

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



51.7737, 51.7288, 116.7834



60.2439, 51.7288, 101.4172



66.1577, 51.7288, 74.9605

Triad

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



60.2439, 51.7288, 101.4172



55.3038, 51.7288, 22.8233



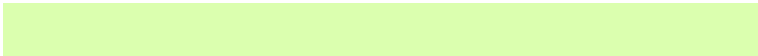
34.6537, 51.7288, 63.9852

Complementary

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



60.2439, 51.7288, 101.4172



72.7123, 89.6757, 54.0364

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.



35.3665, 51.7288, 41.0645



60.2439, 51.7288, 101.4172



46.6487, 51.7288, 21.4500

Square

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



60.2439, 51.7288, 101.4172



63.0837, 51.7288, 31.6053



39.5380, 51.7288, 27.0820



37.4636, 51.7288, 91.4141

Rectangle

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



60.2439, 51.7288, 101.4172



67.4978, 51.7288, 57.1751



39.5380, 51.7288, 27.0820



34.4969, 51.7288, 55.4812

Sweetspot

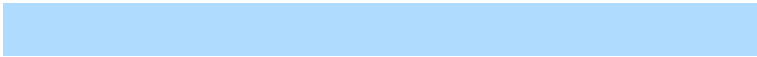
The Sweet Spot groups the original color and five complimentary colors.



60.2455, 51.7309, 101.4175



83.6684, 83.9055, 106.3933



61.0622, 66.9985, 104.3214



17.5378, 17.4397, 22.6918



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.



60.2455, 51.7309, 101.4175



54.5713, 44.2233, 100.2675



73.1645, 58.3909, 102.0221



17.7792, 17.7779, 22.7444



13.2750, 5.7540, 49.8455



1.4162, 0.6240, 4.8591

Inverse Universe

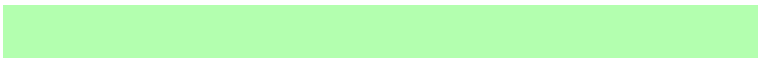
The Inverse Universe completely reimagines the original color for something new.



69.3572, 57.0362, 74.3727



65.2914, 50.4708, 68.1885



62.0896, 84.1995, 53.5393



18.4275, 18.1543, 20.8682



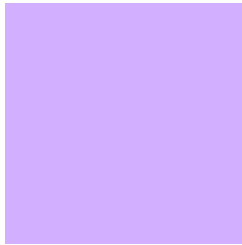
24.1082, 12.1326, 14.4863



2.4024, 1.2033, 1.7006

Previews

White Background



This preview shows how the XYZ color 60.2439, 51.7288, 101.4172 looks on a white background.

Color Contrast Check

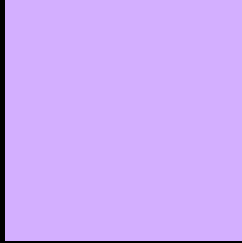
Large Text (above 18pt) WCAG AA × Fail

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 60.2439, 51.7288, 101.4172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

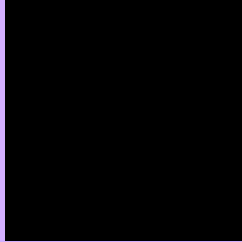
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.2439, 51.7288, 101.4172

Background



This preview shows how black text looks on a background with the XYZ color 60.2439, 51.7288, 101.4172.



This preview shows how white text looks on a background with the XYZ color 60.2439, 51.7288,

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

60.2439, 51.7288, 101.4172

Protanopia

52.8278, 51.8444, 101.8304

Deuteranopia

53.2331, 52.1087, 99.3478



Tritanopia

52.3414, 51.8445, 61.8919

Trichromacy



Original Color

60.2439, 51.7288, 101.4172

Protanomaly

55.2332, 51.5261, 101.6422

Deuteranomaly

55.4021, 51.6502, 99.9780

Tritanomaly

54.8231, 51.6023, 74.7809

Monochromacy



Original Color

60.2439, 51.7288, 101.4172

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

54.5950, 53.3937, 73.0742

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.2439, 51.7288, 101.4172 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(211, 175, 255)` looks like.

```
.text, #text, p{  
    color:rgb(211, 175, 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(211, 175, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 175, 255) }
```

Border

The CSS property to change the border of an element to XYZ 60.2439, 51.7288, 101.4172 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(211, 175, 255) }
```


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

```
.border{ border-color:rgb(211, 175, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 175, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 175, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 175, 255);  
box-shadow:4px 4px 4px 4px rgb(211, 175,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 60.2439, 51.7288, 101.4172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 175, 255) }
```

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

```
.background{ background-color: rgb(211,  
175, 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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