

Converting Colors

XYZ(62.4685, 52.0754,
101.3669)

Have a look what the booklet for
XYZ(62.4685, 52.0754, 101.3669)
contains.

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Color

**XYZ(62.3177, 51.9407,
101.3488)**

Conversions

Conversions Part 1

Format	Color
Hex	DCACFF
RGB	220, 172, 255
RGB Percent	86%, 67%, 100%
CMY	0.1372, 0.3255, 0.0000
CMYK	0.14, 0.33, 0.00, 0.00
HSL	275°, 100%, 84%
HSV	275°, 33%, 100%
XYZ	62.3177, 51.9407, 101.3488
YIQ	195.8140, 1.9650, 35.9890

Conversions

Conversions Part 2

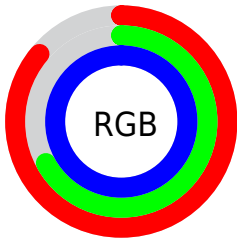
Format	Color
R _Y B	220, 172, 255
Decimal	14462207
CIE Lab	77.25, 32.45, -34.51
CIE LCh	77, 47.370, 313.241
Yxy	51.9407, 0.2890, 0.2409
Android (android.graphics.Color)	4292652287 (0xFFDCACFF)
YUV	195.8140, 29.1787, 21.2111
Hunter-Lab	72.0699, 28.2238, -32.9281

Details

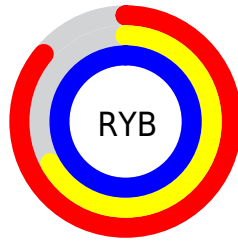
The XYZ color **62.3177, 51.9407, 101.3488** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **68.9396, 87.7645, 52.3388**, and the grayscale version is **52.1894, 54.9073, 59.7940**.

A 20% lighter version of the original color is **87.0334, 83.9668, 106.2278**, and **32.0997, 25.1634, 56.5913** is the 20% darker color. If you saturate the color by 10%, you get **54.7719, 41.5254, 99.7361**, and if you desaturate by 10%, it is **71.0070, 64.3303, 103.2822**.

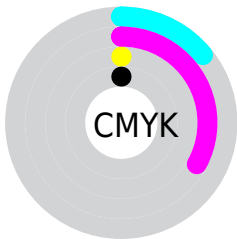
Distribution



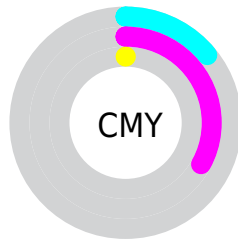
- Red (86%)
- Green (67%)
- Blue (100%)



- Red (86%)
- Yellow (67%)
- Blue (100%)



- Cyan (14%)
- Magenta (33%)
- Yellow (0%)
- Black (0%)



- Cyan (14%)
- Magenta (33%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.3177, 51.9407, 101.3488 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 62.3177, 51.9407, 101.3488 by changing the saturation by 10% instead.

62.3177, 51.9407,
101.3488

62.3177, 51.9407,
101.3488

422.7881,
394.2076, 585.7920

45.5460, 36.9578,
76.8043

107.2719, 93.0438,
165.0775

32.0908, 25.1748,
56.5817

136.1852,
119.9328, 205.0988

21.5868, 16.2074,
40.2624

169.8763,
151.5592, 251.1162

13.6685, 9.6710,
27.4278

208.7107,
188.3076, 303.5481

7.9706, 5.1814,
17.6595

253.0538,
230.5622, 362.8130

4.1278, 2.3541,
10.5389

303.2708,

1.7747, 0.8021,

278.7075, 429.3297

5.6475

359.7271,
333.1278, 503.5165

■ 0.5023, 0.0000,
2.5666

■ 0.0000, 0.0000,
0.8752

■ 62.3177, 51.9407,
101.3488

■ 62.3177, 51.9407,
101.3488

■ 54.7719, 41.5254,
99.7361

■ 71.0070, 64.3303,
103.2822

■ 48.3077, 32.9692,
98.4253

■ 80.8882, 78.7881,
105.5521

■ 42.8637, 26.1544,
97.3969

■ 92.0122, 95.4097,
108.1741

■ 38.3697, 20.9469,
96.6286

95.0500, 100.0000,
108.9000

■ 34.7453, 17.1919,
96.0948

■ 31.8937, 14.7025,
95.7646

■ 30.1672, 13.4667,
95.6171

Harmonies

Analogous

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



53.4750, 51.9407, 120.5086



62.3177, 51.9407, 101.3488



68.0394, 51.9407, 72.2293

Triad

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



62.3177, 51.9407, 101.3488



54.5745, 51.9407, 20.9218



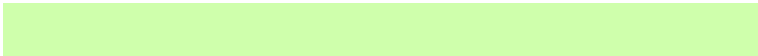
34.2514, 51.9407, 68.7947

Complementary

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



62.3177, 51.9407, 101.3488



68.9396, 87.7645, 52.3388

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.



34.4693, 51.9407, 43.3294



62.3177, 51.9407, 101.3488



45.4770, 51.9407, 20.5150

Square

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



62.3177, 51.9407, 101.3488



63.2072, 51.9407, 28.7552



38.3495, 51.9407, 27.3944



37.7125, 51.9407, 98.1798

Rectangle

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



62.3177, 51.9407, 101.3488



68.9269, 51.9407, 53.7755



38.3495, 51.9407, 27.3944



33.9108, 51.9407, 59.4278

Sweetspot

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



62.3193, 51.9428, 101.3491



83.6019, 82.8131, 106.1860



57.6127, 61.0880, 103.3624



17.5716, 17.2463, 22.6527



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.



62.3193, 51.9428, 101.3491



57.3221, 45.0018, 100.2728



73.1652, 57.6355, 97.2734



18.0092, 17.8965, 22.7551



15.9372, 7.1264, 49.9701



1.6765, 0.7582, 4.8713

Inverse Universe

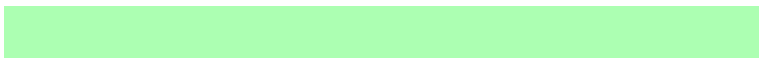
The Inverse Universe completely reimagines the original color for something new.



67.2562, 55.2719, 66.1568



63.1870, 48.9397, 59.2320



60.7638, 83.4870, 54.7885



18.3272, 18.1142, 20.3400



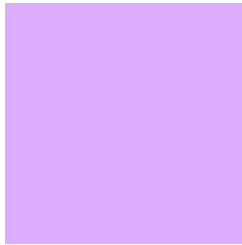
23.0208, 11.6976, 8.7599



2.2946, 1.1602, 1.1328

Previews

White Background



This preview shows how the XYZ color 62.3177, 51.9407, 101.3488 looks on a white background.

Color Contrast Check

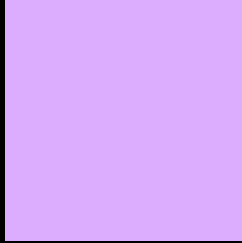
Large Text (above 18pt) WCAG AA × Fail

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 62.3177, 51.9407, 101.3488 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 62.3177, 51.9407, 101.3488

Background



This preview shows how black text looks on a background with the XYZ color 62.3177, 51.9407, 101.3488.



This preview shows how white text looks on a background with the XYZ color 62.3177, 51.9407,

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

62.3177, 51.9407, 101.3488

Protanopia

53.2609, 52.3858, 101.9121

Deuteranopia

53.4584, 52.2248, 99.3583



Tritanopia

53.9905, 51.7931, 60.5775

Trichromacy



Original Color

62.3177, 51.9407, 101.3488



Protanomaly

55.9698, 51.9058, 101.6766



Deuteranomaly

56.1958, 51.7542, 99.9562

Tritanomaly

56.6378, 51.6508, 74.0023

Monochromacy



Original Color

62.3177, 51.9407, 101.3488



Achromatopsia

52.4687, 55.2011, 60.1140



Achromatomaly

55.4715, 53.5295, 73.0542

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.3177, 51.9407, 101.3488 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(220, 172, 255)` looks like.

```
.text, #text, p{  
    color:rgb(220, 172, 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(220, 172, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 172, 255) }
```

Border

The CSS property to change the border of an element to XYZ 62.3177, 51.9407, 101.3488 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(220, 172, 255) }
```


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

```
.border{ border-color:rgb(220, 172, 255) }
```

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

Here you see how a box with a 4 pixel rgb(220, 172, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 172, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 172, 255);  
box-shadow:4px 4px 4px 4px rgb(220, 172,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 62.3177, 51.9407, 101.3488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 172, 255) }
```

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

```
.background{ background-color: rgb(220,  
172, 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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