

Converting Colors

XYZ(95.9377, 64.0557,
281.7422)

Have a look what the booklet for
XYZ(95.9377, 64.0557, 281.7422)
contains.

XYZ(61.6875, 50.2296, 101.0517)	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(61.6875, 50.2296,
101.0517)**

Conversions

Conversions Part 1

Format	Color
Hex	DDA7FF
RGB	221, 167, 255
RGB Percent	87%, 65%, 100%
CMY	0.1333, 0.3451, 0.0000
CMYK	0.13, 0.35, 0.00, 0.00
HSL	277°, 100%, 83%
HSV	277°, 35%, 100%
XYZ	61.6875, 50.2296, 101.0517
YIQ	193.1780, 3.9360, 38.8160

Conversions

Conversions Part 2

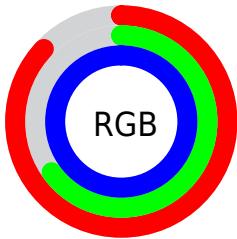
Format	Color
R _Y B	221, 167, 255
Decimal	14526463
CIE Lab	76.21, 35.45, -36.10
CIE LCh	76, 50.594, 314.474
Yxy	50.2296, 0.2897, 0.2359
Android (android.graphics.Color)	4292716543 (0xFFDDA7FF)
YUV	193.1780, 30.4782, 24.3999
Hunter-Lab	70.8728, 31.3384, -34.9257

Details

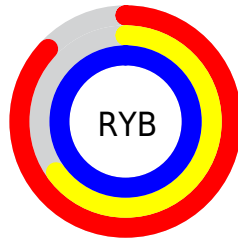
The XYZ color **61.6875, 50.2296, 101.0517** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **66.8235, 86.7280, 49.7797**, and the grayscale version is **50.6194, 53.2556, 57.9953**.

A 20% lighter version of the original color is **85.6777, 81.2554, 105.7759**, and **31.7274, 24.1112, 56.4078** is the 20% darker color. If you saturate the color by 10%, you get **54.5565, 40.2900, 99.5090**, and if you desaturate by 10%, it is **69.9187, 62.1060, 102.9103**.

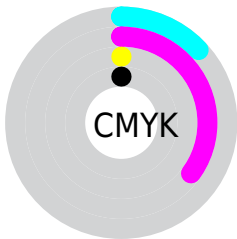
Distribution



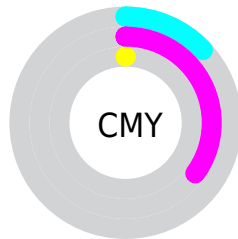
- Red (87%)
- Green (65%)
- Blue (100%)



- Red (87%)
- Yellow (65%)
- Blue (100%)



- Cyan (13%)
- Magenta (35%)
- Yellow (0%)
- Black (0%)



- Cyan (13%)
- Magenta (35%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.6875, 50.2296, 101.0517 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 61.6875, 50.2296, 101.0517 by changing the saturation by 10% instead.

61.6875, 50.2296,
101.0517

61.6875, 50.2296,
101.0517

420.5260,
387.5631, 584.8347

45.0349, 35.5959,
76.5574

106.3662, 90.5150,
164.6662

31.6863, 24.1222,
56.3803

135.1231,
116.9354, 204.6234

21.2764, 15.4243,
40.1019

168.6454,
148.0535, 250.5720

13.4398, 9.1177,
27.3036

207.2985,
184.2537, 302.9305

7.8112, 4.8180,
17.5669

251.4477,
225.9204, 362.1175

4.0251, 2.1409,
10.4733

301.4585,

1.7164, 0.6875,

273.4379, 428.5516

5.6042

357.6961,
327.1907, 502.6511

■ 0.4665, 0.0000,
2.5411

■ 0.0000, 0.0000,
0.8618

■ 61.6875, 50.2296,
101.0517

■ 61.6875, 50.2296,
101.0517

■ 54.5565, 40.2900,
99.5090

■ 69.9187, 62.1060,
102.9103

■ 48.4635, 32.1707,
98.2630

■ 79.2981, 76.0144,
105.1005

■ 43.3470, 25.7520,
97.2937

■ 89.8767, 92.0510,
107.6384

■ 39.1362, 20.8968,
96.5785

■ 95.0500, 100.0000,
108.9000

■ 35.7488, 17.4458,
96.0910

■ 33.0850, 15.2040,
95.7986

■ 31.8531, 14.3358,
95.6960

Harmonies

Analogous

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



52.4450, 50.2296, 122.4275



61.6875, 50.2296, 101.0517



67.5508, 50.2296, 69.8928

Triad

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



61.6875, 50.2296, 101.0517



52.7902, 50.2296, 18.2317



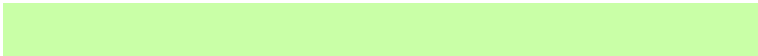
32.1750, 50.2296, 68.8072

Complementary

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



61.6875, 50.2296, 101.0517



66.8235, 86.7280, 49.7797

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.



32.2417, 50.2296, 41.8714



61.6875, 50.2296, 101.0517



43.3284, 50.2296, 18.1126

Square

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



61.6875, 50.2296, 101.0517



61.9689, 50.2296, 25.6606



36.0741, 50.2296, 25.2531



35.8780, 50.2296, 100.0336

Rectangle

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



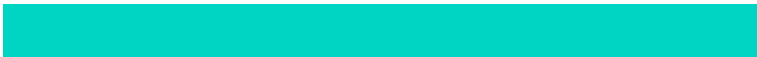
61.6875, 50.2296, 101.0517



68.3222, 50.2296, 50.7190



36.0741, 50.2296, 25.2531



31.7746, 50.2296, 58.8661

Sweetspot

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



61.6890, 50.2316, 101.0520



83.9157, 82.9748, 106.2007



55.1555, 57.7723, 102.8519



17.6476, 17.2855, 22.6563



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.



61.6890, 50.2316, 101.0520



56.9371, 43.5641, 100.0155



71.7249, 55.5653, 94.2950



18.0733, 17.9295, 22.7581



16.8160, 7.5794, 50.0113



1.7596, 0.8010, 4.8751

Inverse Universe

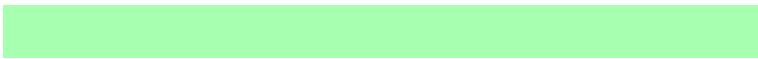
The Inverse Universe completely reimagines the original color for something new.



65.6025, 53.1163, 62.0546



61.6051, 46.9713, 55.0195



59.5144, 82.8628, 53.8302



18.2999, 18.1033, 20.1962



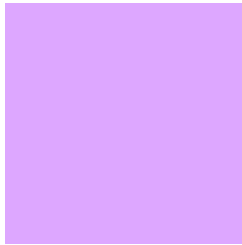
22.7811, 11.6018, 7.4980



2.2696, 1.1502, 1.0013

Previews

White Background



This preview shows how the XYZ color 61.6875, 50.2296, 101.0517 looks on a white background.

Color Contrast Check

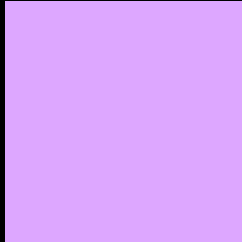
Large Text (above 18pt) WCAG AA × Fail

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 61.6875, 50.2296, 101.0517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

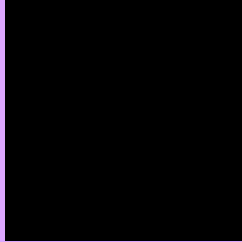
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.6875, 50.2296, 101.0517

Background



This preview shows how black text looks on a background with the XYZ color 61.6875, 50.2296, 101.0517.



This preview shows how white text looks on a background with the XYZ color 61.6875, 50.2296,

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

61.6875, 50.2296, 101.0517

Protanopia

51.5453, 50.5533, 101.6488

Deuteranopia

51.5561, 50.3209, 98.2624



Tritanopia

52.6097, 49.9393, 57.3185

Trichromacy



Original Color

61.6875, 50.2296, 101.0517



Protanomaly

54.6636, 50.0250, 101.3824



Deuteranomaly

54.4773, 49.6879, 98.8149

Tritanomaly

55.7490, 50.0649, 71.6909

Monochromacy



Original Color

61.6875, 50.2296, 101.0517



Achromatopsia

50.6879, 53.3276, 58.0738



Achromatomaly

54.1638, 51.9354, 72.1355

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.6875, 50.2296, 101.0517 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, 167, 255)` looks like.

```
.text, #text, p{  
    color:rgb(221, 167, 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(221, 167, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 167, 255) }
```

Border

The CSS property to change the border of an element to XYZ 61.6875, 50.2296, 101.0517 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, 167, 255) }
```


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

```
.border{ border-color:rgb(221, 167, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 167, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 167, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 167, 255);  
box-shadow:4px 4px 4px 4px rgb(221, 167,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 61.6875, 50.2296, 101.0517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 167, 255) }
```

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

```
.background{ background-color: rgb(221,  
167, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor