

Converting Colors

XYZ(61.2965, 49.6897,
100.9681)

Have a look what the booklet for
XYZ(61.2965, 49.6897, 100.9681)
contains.

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Color

**XYZ(61.2014, 49.7081,
100.9767)**

Conversions

Conversions Part 1

Format	Color
Hex	DCA6FF
RGB	220, 166, 255
RGB Percent	86%, 65%, 100%
CMY	0.1372, 0.3490, 0.0000
CMYK	0.14, 0.35, 0.00, 0.00
HSL	276°, 100%, 83%
HSV	276°, 35%, 100%
XYZ	61.2014, 49.7081, 100.9767
YIQ	192.2920, 3.6150, 39.1270

Conversions

Conversions Part 2

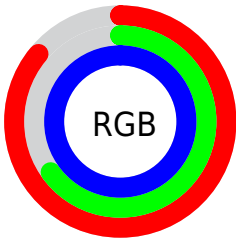
Format	Color
R _Y B	220, 166, 255
Decimal	14460671
CIE Lab	75.89, 35.69, -36.61
CIE LCh	76, 51.122, 314.270
Yxy	49.7081, 0.2888, 0.2346
Android (android.graphics.Color)	4292650751 (0xFFDCA6FF)
YUV	192.2920, 30.9150, 24.2999
Hunter-Lab	70.5040, 31.5661, -35.5631

Details

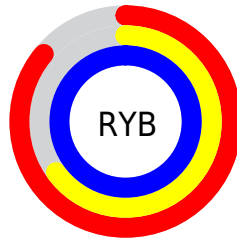
The XYZ color **61.2014, 49.7081, 100.9767** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **66.7314, 86.6912, 49.2946**, and the grayscale version is **50.0984, 52.7075, 57.3984**.

A 20% lighter version of the original color is **85.4113, 80.7226, 105.6871**, and **31.4080, 23.7800, 56.3607** is the 20% darker color. If you saturate the color by 10%, you get **54.0730, 39.8218, 99.4442**, and if you desaturate by 10%, it is **69.4339, 61.5301, 102.8247**.

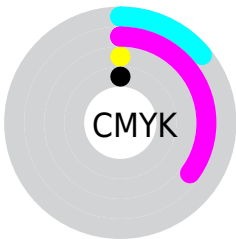
Distribution



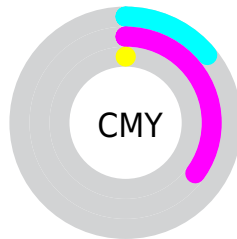
- Red (86%)
- Green (65%)
- Blue (100%)



- Red (86%)
- Yellow (65%)
- Blue (100%)



- Cyan (14%)
- Magenta (35%)
- Yellow (0%)
- Black (0%)



- Cyan (14%)
- Magenta (35%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.2014, 49.7081, 100.9767 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 61.2014, 49.7081, 100.9767 by changing the saturation by 10% instead.

61.2014, 49.7081,
100.9767

61.2014, 49.7081,
100.9767

418.7762,
385.5233, 584.5929

44.6409, 35.1815,
76.4951

105.6670, 89.7422,
164.5623

31.3747, 23.8027,
56.3294

134.3027,
116.0186, 204.5034

21.0376, 15.1874,
40.0614

167.6942,
146.9803, 250.4346

13.2641, 8.9510,
27.2722

206.2069,
183.0118, 302.7746

7.6889, 4.7092,
17.5435

250.2061,
224.4974, 361.9419

3.9467, 2.0777,
10.4567

300.0571,

1.6720, 0.6520,

271.8217, 428.3550

5.5933

356.1254,
325.3688, 502.4325

■ 0.4386, 0.0000,
2.5346

■ 0.0000, 0.0000,
0.8584

■ 61.2014, 49.7081,
100.9767

■ 61.2014, 49.7081,
100.9767

■ 54.0730, 39.8218,
99.4442

■ 69.4339, 61.5301,
102.8247

■ 47.9863, 31.7545,
98.2078

■ 78.8190, 75.3835,
105.0040

■ 42.8793, 25.3857,
97.2477

■ 89.4078, 91.3650,
107.5307

■ 38.6805, 20.5775,
96.5409

95.0500, 100.0000,
108.9000

■ 35.3072, 17.1694,
96.0609

■ 32.6581, 14.9645,
95.7749

■ 31.5139, 14.1609,
95.6801

Harmonies

Analogous

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



51.9005, 49.7081, 122.4351



61.2014, 49.7081, 100.9767



67.1336, 49.7081, 69.6065

Triad

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



61.2014, 49.7081, 100.9767



52.3813, 49.7081, 17.7342



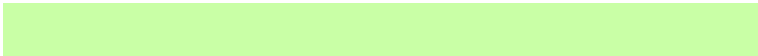
31.6415, 49.7081, 68.0928

Complementary

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



61.2014, 49.7081, 100.9767



66.7314, 86.6912, 49.2946

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.



31.7339, 49.7081, 41.1259



61.2014, 49.7081, 100.9767



42.8786, 49.7081, 17.5705

Square

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



61.2014, 49.7081, 100.9767



61.5939, 49.7081, 25.1700



35.5918, 49.7081, 24.6077



35.3197, 49.7081, 99.5530

Rectangle

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



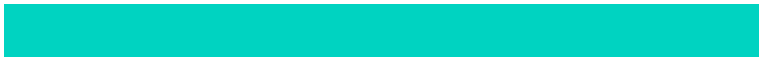
61.2014, 49.7081, 100.9767



67.9386, 49.7081, 50.3155



35.5918, 49.7081, 24.6077



31.2499, 49.7081, 58.1193

Sweetspot

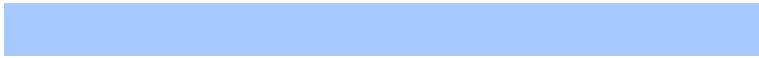
The Sweet Spot groups the original color and five complimentary colors.



61.2029, 49.7101, 100.9770



83.8543, 82.9432, 106.1978



54.8043, 57.3824, 102.7952



17.6328, 17.2779, 22.6556



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.



61.2029, 49.7101, 100.9770



56.0307, 42.4970, 99.8573



71.5270, 55.1941, 94.1533



18.0607, 17.9230, 22.7575



16.6393, 7.4884, 50.0030



1.7429, 0.7924, 4.8744

Inverse Universe

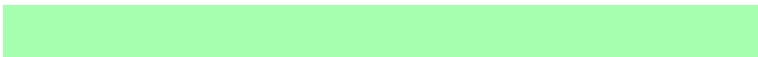
The Inverse Universe completely reimagines the original color for something new.



65.4200, 52.7513, 61.9938



61.1104, 46.1269, 54.4077



59.2153, 82.7189, 53.3535



18.3052, 18.1054, 20.2242



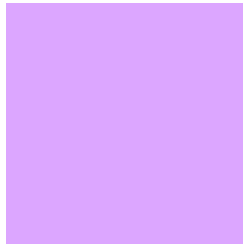
22.8260, 11.6197, 7.7341



2.2744, 1.1521, 1.0262

Previews

White Background



This preview shows how the XYZ color 61.2014, 49.7081, 100.9767 looks on a white background.

Color Contrast Check

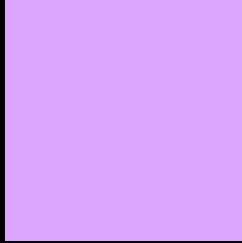
Large Text (above 18pt) WCAG AA × Fail

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 61.2014, 49.7081, 100.9767 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

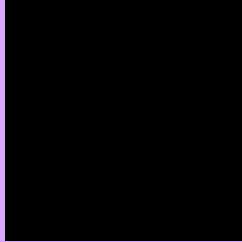
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.2014, 49.7081, 100.9767

Background



This preview shows how black text looks on a background with the XYZ color 61.2014, 49.7081, 100.9767.



This preview shows how white text looks on a background with the XYZ color 61.2014, 49.7081,

100.9767.

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

61.2014, 49.7081, 100.9767

Protanopia

51.1248, 50.0249, 101.5689

Deuteranopia

51.3391, 50.2090, 98.2522



Tritanopia

52.3241, 49.7921, 57.3051

Trichromacy



Original Color

61.2014, 49.7081, 100.9767



Protanomaly

54.2201, 49.4999, 101.3045



Deuteranomaly

54.2301, 49.5604, 98.8033

Tritanomaly

55.2623, 49.5261, 71.6126

Monochromacy



Original Color

61.2014, 49.7081, 100.9767



Achromatopsia

50.1023, 52.7115, 57.4028



Achromatomaly

53.5563, 51.3298, 71.3749

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.2014, 49.7081, 100.9767 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, 166, 255)` looks like.

```
.text, #text, p{  
    color:rgb(220, 166, 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, 166, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 166, 255) }
```

Border

The CSS property to change the border of an element to XYZ 61.2014, 49.7081, 100.9767 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, 166, 255) }
```


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

```
.border{ border-color:rgb(220, 166, 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, 166, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 166, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 166, 255);  
box-shadow:4px 4px 4px 4px rgb(220, 166,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 61.2014, 49.7081, 100.9767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 166, 255) }
```

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

```
.background{ background-color: rgb(220,  
166, 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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