

Converting Colors

XYZ(60.3101, 47.9254,
100.6796)

Have a look what the booklet for
XYZ(60.3101, 47.9254, 100.6796)
contains.

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Color

**XYZ(60.3101, 47.9254,
100.6796)**

Conversions

Conversions Part 1

Format	Color
Hex	DCA1FF
RGB	220, 161, 255
RGB Percent	86%, 63%, 100%
CMY	0.1372, 0.3686, 0.0000
CMYK	0.14, 0.37, 0.00, 0.00
HSL	278°, 100%, 82%
HSV	278°, 37%, 100%
XYZ	60.3101, 47.9254, 100.6796
YIQ	189.3570, 4.9900, 41.7420

Conversions

Conversions Part 2

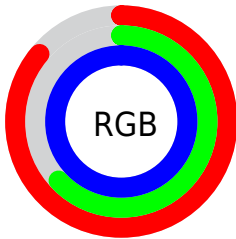
Format	Color
R _Y B	220, 161, 255
Decimal	14459391
CIE Lab	74.78, 38.37, -38.33
CIE LCh	75, 54.238, 315.030
Yxy	47.9254, 0.2887, 0.2294
Android (android.graphics.Color)	4292649471 (0xFFDCA1FF)
YUV	189.3570, 32.3620, 26.8739
Hunter-Lab	69.2282, 34.3561, -37.7666

Details

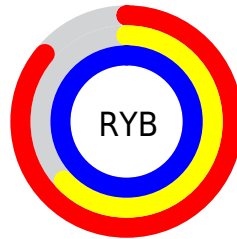
The XYZ color **60.3101, 47.9254, 100.6796** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **64.9589, 85.8294, 46.8633**, and the grayscale version is **48.3940, 50.9142, 55.4456**.

A 20% lighter version of the original color is **84.1029, 78.1057, 105.2510**, and **30.8654, 22.6949, 56.1798** is the 20% darker color. If you saturate the color by 10%, you get **53.5077, 38.4654, 99.2121**, and if you desaturate by 10%, it is **68.1873, 59.2906, 102.4581**.

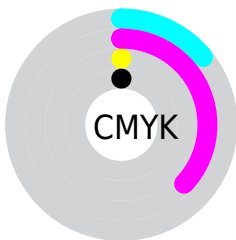
Distribution



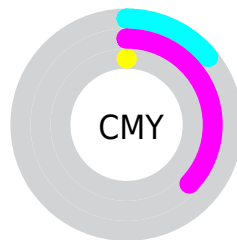
- Red (86%)
- Green (63%)
- Blue (100%)



- Red (86%)
- Yellow (63%)
- Blue (100%)



- Cyan (14%)
- Magenta (37%)
- Yellow (0%)
- Black (0%)





- Cyan (14%)
- Magenta (37%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.3101, 47.9254, 100.6796 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 60.3101, 47.9254, 100.6796 by changing the saturation by 10% instead.


 60.3101, 47.9254,
100.6796


 60.3101, 47.9254,
100.6796


415.5563,
378.4964, 583.6346

 43.9190, 33.7678,
76.2482

 104.3832, 87.0933,
164.1508

 30.8045, 22.7153,
56.1282

 132.7959,
112.8724, 204.0277

 20.6011, 14.3834,
39.9010

165.9465,
143.2942, 249.8901

 12.9436, 8.3878,
27.1482

204.2005,
178.7430, 302.1566

 7.4664, 4.3441,
17.4511

247.9231,
219.6032, 361.2458

 3.8044, 1.8678,
10.3913

297.4797,

 1.5921, 0.5289,

266.2592, 427.5762

5.5502

353.2356,
319.0955, 501.5663

■ 0.3872, 0.0000,
2.5092

■ 0.0000, 0.0000,
0.8450

■ 60.3101, 47.9254,
100.6796

■ 60.3101, 47.9254,
100.6796

■ 53.5077, 38.4654,
99.2121

■ 68.1873, 59.2906,
102.4581

■ 47.7174, 30.7922,
98.0362

■ 77.1883, 72.6584,
104.5640

■ 42.8762, 24.7830,
97.1315

■ 87.3644, 88.1263,
107.0132

■ 38.9114, 20.2965,
96.4745

95.0500, 100.0000,
108.9000

■ 35.7378, 17.1667,
96.0377

■ 33.2484, 15.1841,
95.7862

■ 32.5583, 14.6993,
95.7290

Harmonies

Analogous

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



50.6425, 47.9254, 124.0681



60.3101, 47.9254, 100.6796



66.4111, 47.9254, 67.4881

Triad

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



60.3101, 47.9254, 100.6796



50.6221, 47.9254, 15.3614



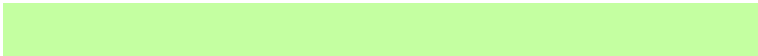
29.5971, 47.9254, 67.5528

Complementary

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



60.3101, 47.9254, 100.6796



64.9589, 85.8294, 46.8633

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.



29.5932, 47.9254, 39.3860



60.3101, 47.9254, 100.6796



40.8140, 47.9254, 15.3678

Square

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



60.3101, 47.9254, 100.6796



60.2933, 47.9254, 22.4429



33.4216, 47.9254, 22.4657



33.4330, 47.9254, 100.7413

Rectangle

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



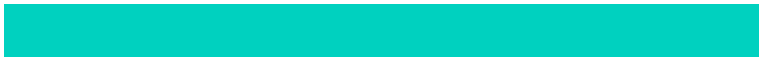
60.3101, 47.9254, 100.6796



67.1466, 47.9254, 47.5694



33.4216, 47.9254, 22.4657



29.1678, 47.9254, 57.0848

Sweetspot

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



60.3116, 47.9273, 100.6799



83.0069, 81.4635, 105.9568



52.7233, 54.7464, 102.3960



17.4710, 16.9866, 22.6079



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.



60.3116, 47.9273, 100.6799



55.3481, 40.9846, 99.6014



70.3199, 53.2850, 92.1937



18.0988, 17.9426, 22.7593



17.1830, 7.7686, 50.0284



1.7939, 0.8187, 4.8768

Inverse Universe

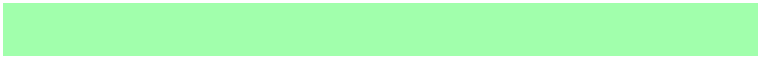
The Inverse Universe completely reimagines the original color for something new.



63.9497, 50.7369, 58.6485



59.7447, 44.3298, 51.0721



57.9024, 82.0750, 51.8052



18.2890, 18.0989, 20.1392



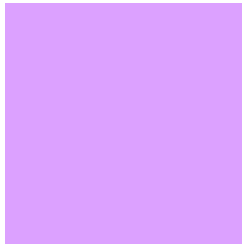
22.6928, 11.5664, 7.0329



2.2603, 1.1465, 0.9520

Previews

White Background



This preview shows how the XYZ color 60.3101, 47.9254, 100.6796 looks on a white background.

Color Contrast Check

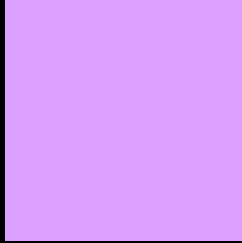
Large Text (above 18pt) WCAG AA × Fail

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 60.3101, 47.9254, 100.6796 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

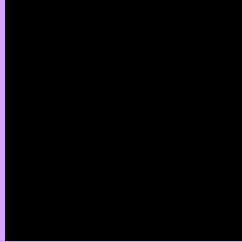
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.3101, 47.9254, 100.6796

Background



This preview shows how black text looks on a background with the XYZ color 60.3101, 47.9254, 100.6796.



This preview shows how white text looks on a background with the XYZ color 60.3101, 47.9254,

100.6796.

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

60.3101, 47.9254, 100.6796

Protanopia

49.4759, 48.2530, 101.3138

Deuteranopia

49.4504, 48.3134, 97.9859



Tritanopia

50.9854, 47.9924, 54.1532

Trichromacy



Original Color

60.3101, 47.9254, 100.6796



Protanomaly

52.4775, 47.4372, 100.9982



Deuteranomaly

52.4739, 47.4907, 98.4964

Tritanomaly

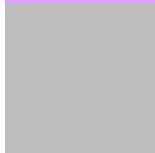
53.9899, 47.7991, 68.6679

Monochromacy



Original Color

60.3101, 47.9254, 100.6796



Achromatopsia

48.3692, 50.8881, 55.4172



Achromatomaly

51.9498, 49.3237, 69.7332

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.3101, 47.9254, 100.6796 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, 161, 255)` looks like.

```
.text, #text, p{  
    color:rgb(220, 161, 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, 161, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 161, 255) }
```

Border

The CSS property to change the border of an element to XYZ 60.3101, 47.9254, 100.6796 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, 161, 255) }
```


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

```
.border{ border-color:rgb(220, 161, 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, 161, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 161, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 161, 255);  
box-shadow:4px 4px 4px 4px rgb(220, 161,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 60.3101, 47.9254, 100.6796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 161, 255) }
```

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

```
.background{ background-color: rgb(220,  
161, 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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