

Converting Colors

XYZ(74.3373, 53.4146,
177.9972)

Have a look what the booklet for
XYZ(74.3373, 53.4146, 177.9972)
contains.

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Color

**XYZ(59.7083, 47.6152,
100.6514)**

Conversions

Conversions Part 1

Format	Color
Hex	DAA1FF
RGB	218, 161, 255
RGB Percent	85%, 63%, 100%
CMY	0.1451, 0.3686, 0.0000
CMYK	0.15, 0.37, 0.00, 0.00
HSL	276°, 100%, 82%
HSV	276°, 37%, 100%
XYZ	59.7083, 47.6152, 100.6514
YIQ	188.7590, 3.7980, 41.3180

Conversions

Conversions Part 2

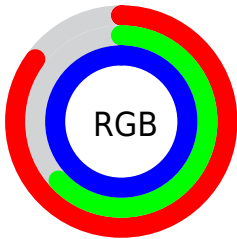
Format	Color
R _Y B	218, 161, 255
Decimal	14328319
CIE Lab	74.58, 37.78, -38.65
CIE LCh	75, 54.052, 314.349
Yxy	47.6152, 0.2871, 0.2289
Android (android.graphics.Color)	4292518399 (0xFFDAA1FF)
YUV	188.7590, 32.6568, 25.6444
Hunter-Lab	69.0038, 33.6977, -38.1799

Details

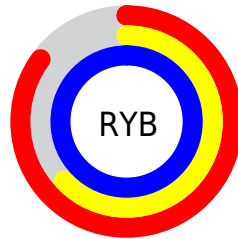
The XYZ color **59.7083, 47.6152, 100.6514** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **65.4827, 86.0994, 46.8879**, and the grayscale version is **48.0515, 50.5539, 55.0532**.

A 20% lighter version of the original color is **83.8459, 77.5917, 105.1653**, and **30.4559, 22.4837, 56.1607** is the 20% darker color. If you saturate the color by 10%, you get **52.7872, 38.0939, 99.1784**, and if you desaturate by 10%, it is **67.7228, 59.0512, 102.4364**.

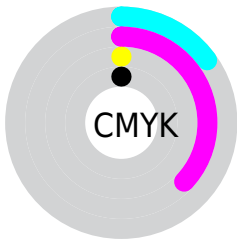
Distribution



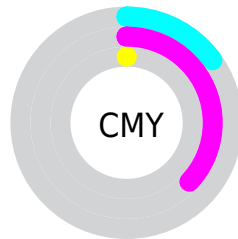
- Red (85%)
- Green (63%)
- Blue (100%)



- Red (85%)
- Yellow (63%)
- Blue (100%)



- Cyan (15%)
- Magenta (37%)
- Yellow (0%)
- Black (0%)



- Cyan (15%)
- Magenta (37%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.7083, 47.6152, 100.6514 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 59.7083, 47.6152, 100.6514 by changing the saturation by 10% instead.

59.7083, 47.6152,
100.6514

59.7083, 47.6152,
100.6514

413.3737,
377.2648, 583.5436

43.4321, 33.5223,
76.2247

103.5152, 86.6312,
164.1117

30.4203, 22.5268,
56.1091

131.7765,
112.3230, 203.9825

20.3075, 14.2445,
39.8858

164.7637,
142.6500, 249.8384

12.7283, 8.2909,
27.1364

202.8420,
177.9964, 302.0980

7.3174, 4.2817,
17.4423

246.3768,
218.7467, 361.1797

3.7095, 1.8323,
10.3851

295.7335,

1.5391, 0.5072,

265.2853, 427.5022

5.5461

351.2773,
317.9965, 501.4840

■ 0.3522, 0.0000,
2.5068

■ 0.0000, 0.0000,
0.8438

■ 59.7083, 47.6152,
100.6514

■ 59.7083, 47.6152,
100.6514

■ 52.7872, 38.0939,
99.1784

■ 67.7228, 59.0512,
102.4364

■ 46.8962, 30.3688,
97.9978

■ 76.8802, 72.4996,
104.5495

■ 41.9718, 24.3168,
97.0892

■ 87.2322, 88.0582,
107.0070

■ 37.9408, 19.7961,
96.4291

95.0500, 100.0000,
108.9000

■ 34.7174, 16.6407,
95.9899

■ 32.1941, 14.6405,
95.7368

■ 31.4965, 14.1519,
95.6793

Harmonies

Analogous

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



50.0767, 47.6152, 123.4366



59.7083, 47.6152, 100.6514



65.8759, 47.6152, 67.7650

Triad

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



59.7083, 47.6152, 100.6514



50.5192, 47.6152, 15.3660



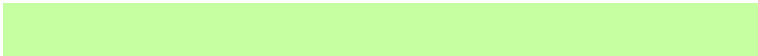
29.3803, 47.6152, 66.3627

Complementary

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



59.7083, 47.6152, 100.6514



65.4827, 86.0994, 46.8879

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.



29.4632, 47.6152, 38.6365



59.7083, 47.6152, 100.6514



40.7566, 47.6152, 15.2258

Square

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



59.7083, 47.6152, 100.6514



60.0722, 47.6152, 22.5854



33.3483, 47.6152, 22.0921



33.1026, 47.6152, 99.3117

Rectangle

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



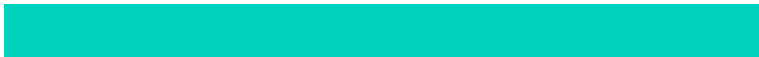
59.7083, 47.6152, 100.6514



66.7049, 47.6152, 47.8688



33.3483, 47.6152, 22.0921



28.9830, 47.6152, 56.0352

Sweetspot

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



59.7098, 47.6171, 100.6517



82.7995, 81.3566, 105.9471



53.0810, 55.4618, 102.5153



17.4215, 16.9611, 22.6056



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.



59.7098, 47.6171, 100.6517



54.6597, 40.6297, 99.5692



70.5589, 53.3806, 93.4522



18.0601, 17.9227, 22.7575



16.6302, 7.4837, 50.0026



1.7421, 0.7920, 4.8743

Inverse Universe

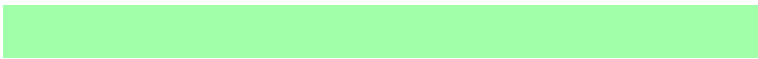
The Inverse Universe completely reimagines the original color for something new.



64.1790, 50.8287, 59.8558



59.9982, 44.4312, 52.4069



57.7529, 82.0151, 51.0176



18.3055, 18.1055, 20.2257



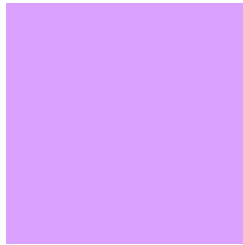
22.8283, 11.6206, 7.7465



2.2746, 1.1522, 1.0275

Previews

White Background



This preview shows how the XYZ color 59.7083, 47.6152, 100.6514 looks on a white background.

Color Contrast Check

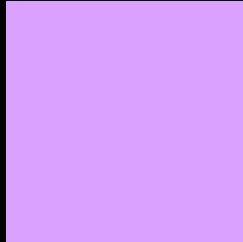
Large Text (above 18pt) WCAG AA × Fail

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 59.7083, 47.6152, 100.6514 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 59.7083, 47.6152, 100.6514

Background



This preview shows how black text looks on a background with the XYZ color 59.7083, 47.6152, 100.6514.



This preview shows how white text looks on a background with the XYZ color 59.7083, 47.6152,

100.6514.

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

59.7083, 47.6152, 100.6514

Protanopia

49.2718, 47.8448, 101.2458

Deuteranopia

49.0407, 47.7993, 97.9083



Tritanopia

50.1392, 47.5562, 54.1136

Trichromacy



Original Color

59.7083, 47.6152, 100.6514



Protanomaly

52.4775, 47.4372, 100.9982



Deuteranomaly

52.2352, 47.3677, 98.4852



Tritanomaly

53.1224, 47.3518, 68.6273

Monochromacy



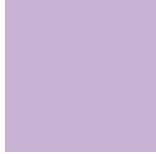
Original Color

59.7083, 47.6152, 100.6514



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 59.7083, 47.6152, 100.6514 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(218, 161, 255)` looks like.

```
.text, #text, p{  
    color:rgb(218, 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(218, 161, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 161, 255) }
```

Border

The CSS property to change the border of an element to XYZ 59.7083, 47.6152, 100.6514 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(218, 161, 255) }
```


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

```
.border{ border-color:rgb(218, 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(218, 161, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 161, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 161, 255);  
box-shadow:4px 4px 4px 4px rgb(218, 161,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 59.7083, 47.6152, 100.6514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 161, 255) }
```

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

```
.background{ background-color: rgb(218,  
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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