

Converting Colors

XYZ(62.4279, 52.4074,
109.7629)

Have a look what the booklet for
XYZ(62.4279, 52.4074, 109.7629)
contains.

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Color

**XYZ(60.9176, 51.7882,
101.3932)**

Conversions

Conversions Part 1

Format	Color
Hex	D6AEFF
RGB	214, 174, 255
RGB Percent	84%, 68%, 100%
CMY	0.1608, 0.3176, 0.0000
CMYK	0.16, 0.32, 0.00, 0.00
HSL	270°, 100%, 84%
HSV	270°, 32%, 100%
XYZ	60.9176, 51.7882, 101.3932
YIQ	195.1940, -2.1610, 33.6710

Conversions

Conversions Part 2

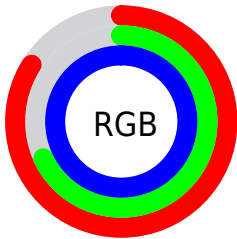
Format	Color
R _Y B	214, 174, 255
Decimal	14069503
CIE Lab	77.15, 29.57, -34.69
CIE LCh	77, 45.584, 310.439
Yxy	51.7882, 0.2845, 0.2419
Android (android.graphics.Color)	4292259583 (0xFFD6AEFF)
YUV	195.1940, 29.4844, 16.4929
Hunter-Lab	71.9640, 25.1634, -33.1614

Details

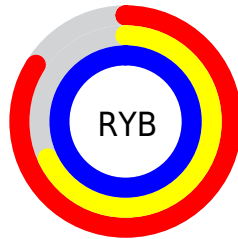
The XYZ color **60.9176, 51.7882, 101.3932** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **71.4252, 89.0235, 53.4653**, and the grayscale version is **51.8195, 54.5181, 59.3702**.

A 20% lighter version of the original color is **87.5868, 85.0736, 106.4123**, and **31.1310, 25.0211, 56.6148** is the 20% darker color. If you saturate the color by 10%, you get **52.8322, 40.9891, 99.7349**, and if you desaturate by 10%, it is **70.2398, 64.6155, 103.3777**.

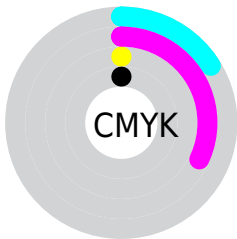
Distribution



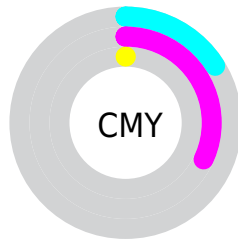
- Red (84%)
- Green (68%)
- Blue (100%)



- Red (84%)
- Yellow (68%)
- Blue (100%)



- Cyan (16%)
- Magenta (32%)
- Yellow (0%)
- Black (0%)





- Cyan (16%)
- Magenta (32%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.9176, 51.7882, 101.3932 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 60.9176, 51.7882, 101.3932 by changing the saturation by 10% instead.


 60.9176, 51.7882,
101.3932

 60.9176, 51.7882,
101.3932


417.7526,
393.6184, 585.9350

 44.4110, 36.8363,
76.8412

 105.2584, 92.8188,
165.1390

 31.1930, 25.0808,
56.6118


133.8233,
119.6663, 205.1699

 20.8984, 16.1372,
40.2864


167.1383,
151.2477, 251.1975

 13.1618, 9.6213,
27.4464

205.5688,
187.9475, 303.6403

 7.6178, 5.1486,
17.6734

249.4801,
230.1501, 362.9169

 3.9011, 2.3347,
10.5487

299.2376,

 1.6464, 0.7920,

278.2399, 429.4459

5.6539

355.2066,
332.6012, 503.6458

■ 0.4223, 0.0000,
2.5705

■ 0.0000, 0.0000,
0.8771

■ 60.9176, 51.7882,
101.3932

■ 60.9176, 51.7882,
101.3932

■ 52.8322, 40.9891,
99.7349

■ 70.2398, 64.6155,
103.3777

■ 45.9189, 32.1022,
98.3839

■ 80.8495, 79.5660,
105.7043

■ 40.1137, 25.0093,
97.3208

■ 92.8003, 96.7360,
108.3886

■ 35.3439, 19.5758,
96.5234

95.0500, 100.0000,
108.9000

■ 31.5264, 15.6471,
95.9663

■ 28.5626, 13.0376,
95.6188

■ 26.6434, 11.6501,
95.4522

Harmonies

Analogous

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



52.3235, 51.7882, 118.0124



60.9176, 51.7882, 101.3932



66.7703, 51.7882, 74.0400

Triad

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



60.9176, 51.7882, 101.3932



55.0523, 51.7882, 22.1678



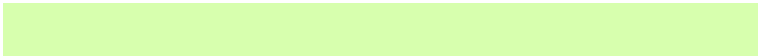
34.5082, 51.7882, 65.5425

Complementary

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



60.9176, 51.7882, 101.3932



71.4252, 89.0235, 53.4653

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.



35.0558, 51.7882, 41.7923



60.9176, 51.7882, 101.3932



46.2478, 51.7882, 21.1239

Square

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



60.9176, 51.7882, 101.3932



63.1170, 51.7882, 30.6274



39.1301, 51.7882, 27.1714



37.5343, 51.7882, 93.6161

Rectangle

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



60.9176, 51.7882, 101.3932



67.9624, 51.7882, 56.0218



39.1301, 51.7882, 27.1714



34.2901, 51.7882, 56.7568

Sweetspot

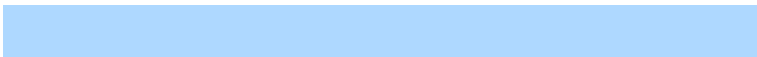
The Sweet Spot groups the original color and five complimentary colors.



60.9192, 51.7903, 101.3935



82.8576, 82.4294, 106.1511



60.0245, 65.2551, 104.0396



17.3916, 17.1535, 22.6443



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.



60.9192, 51.7903, 101.3935



55.7343, 44.8228, 100.3219



73.9320, 58.4986, 102.0025



17.8574, 17.8182, 22.7480



14.0934, 6.1759, 49.8838



1.4980, 0.6662, 4.8629

Inverse Universe

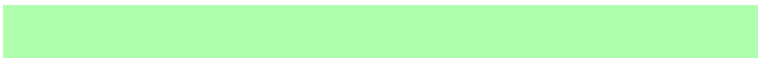
The Inverse Universe completely reimagines the original color for something new.



68.6428, 56.4401, 71.5673



64.7645, 50.2601, 65.4139



61.1592, 83.7312, 52.9849



18.3930, 18.1405, 20.6868



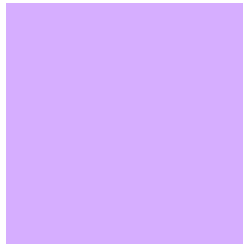
23.6974, 11.9682, 12.3227



2.3625, 1.1874, 1.4904

Previews

White Background



This preview shows how the XYZ color 60.9176, 51.7882, 101.3932 looks on a white background.

Color Contrast Check

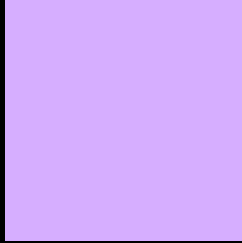
Large Text (above 18pt) WCAG AA × Fail

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 60.9176, 51.7882, 101.3932 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 60.9176, 51.7882, 101.3932

Background



This preview shows how black text looks on a background with the XYZ color 60.9176, 51.7882, 101.3932.



This preview shows how white text looks on a background with the XYZ color 60.9176, 51.7882,

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

60.9176, 51.7882, 101.3932

Protanopia

52.8278, 51.8444, 101.8304

Deuteranopia

53.2331, 52.1087, 99.3478



Tritanopia

52.8346, 51.8006, 61.2467

Trichromacy



Original Color

60.9176, 51.7882, 101.3932



Protanomaly

55.4770, 51.6518, 101.6536



Deuteranomaly

55.6494, 51.7776, 99.9896

Tritanomaly

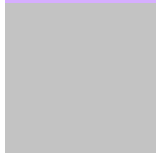
55.3225, 51.5721, 74.0564

Monochromacy



Original Color

60.9176, 51.7882, 101.3932



Achromatopsia

51.8711, 54.5724, 59.4294



Achromatomaly

54.6518, 53.1070, 73.0158

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.9176, 51.7882, 101.3932 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(214, 174, 255)` looks like.

```
.text, #text, p{  
    color:rgb(214, 174, 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(214, 174, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 174, 255) }
```

Border

The CSS property to change the border of an element to XYZ 60.9176, 51.7882, 101.3932 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(214, 174, 255) }
```


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

```
.border{ border-color:rgb(214, 174, 255) }
```

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

Here you see how a box with a 4 pixel rgb(214, 174, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 174, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 174, 255);  
box-shadow:4px 4px 4px 4px rgb(214, 174,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 60.9176, 51.7882, 101.3932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 174, 255) }
```

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

```
.background{ background-color: rgb(214,  
174, 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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