

Converting Colors

XYZ(51.3668, 46.8807, 61.7052)

Have a look what the booklet for
XYZ(51.3668, 46.8807, 61.7052)
contains.

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Color

**XYZ(51.4000, 46.8982,
61.6015)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | D1ABC9 |
| RGB | 209, 171, 201 |
| RGB Percent | 82%, 67%, 79% |
| CMY | 0.1804, 0.3294, 0.2118 |
| CMYK | 0.00, 0.18, 0.04, 0.18 |
| HSL | 313°, 29%, 75% |
| HSV | 313°, 18%, 82% |
| XYZ | 51.4000, 46.8982, 61.6015 |
| YIQ | 185.7820, 13.0180, 17.3860 |

Conversions

Conversions Part 2

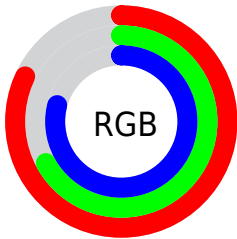
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 209, 171, 201 |
| Decimal | 13741001 |
| CIE _{Lab} | 74.12, 18.89, -10.03 |
| CIE _{LCh} | 74, 21.388, 332.042 |
| Yxy | 46.8982, 0.3215, 0.2933 |
| Android (android.graphics.Color) | 4291931081 (0xFFD1ABC9) |
| YUV | 185.7820, 7.5025, 20.3622 |
| Hunter-Lab | 68.4823, 14.1309, -5.3953 |

Details

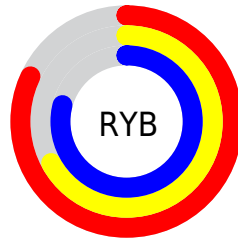
The XYZ color **51.4000, 46.8982, 61.6015** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **47.7336, 57.5148, 51.2361**, and the grayscale version is **46.5056, 48.9275, 53.2821**.

A 20% lighter version of the original color is **86.4864, 82.8727, 106.0455**, and **25.1897, 22.1703, 30.5554** is the 20% darker color. If you saturate the color by 10%, you get **47.2502, 39.4146, 57.7011**, and if you desaturate by 10%, it is **56.1916, 55.6403, 65.7901**.

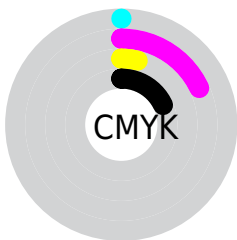
Distribution



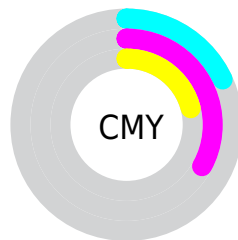
- Red (82%)
- Green (67%)
- Blue (79%)



- Red (82%)
- Yellow (67%)
- Blue (79%)



- Cyan (0%)
- Magenta (18%)
- Yellow (4%)
- Black (18%)



- Cyan (18%)
- Magenta (33%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.4000, 46.8982, 61.6015 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 51.4000, 46.8982, 61.6015 by changing the saturation by 10% instead.


 51.4000, 46.8982,
61.6015

 51.4000, 46.8982,
61.6015


382.4780,
374.4080, 448.4435

 36.7494, 32.9552,
44.2771

 91.4252, 85.5616,
108.7154

 25.1863, 22.0921,
30.5496


117.5306,
111.0509, 139.3419

 16.3454, 13.9246,
20.0005


148.1849,
141.1576, 175.2396

 9.8613, 8.0682,
12.2114

183.7535,
176.2663, 216.8269

 5.3686, 4.1386,
6.7635

224.6017,
216.7613, 264.5224

 2.5021, 1.7514,
3.2384

271.0950,

 0.8963, 0.4566,

263.0270, 318.7446

1.2176

323.5986,
315.4477, 379.9121

■ 0.0000, 0.0000,
0.0000

■ 51.4000, 46.8982,
61.6015

■ 51.4000, 46.8982,
61.6015

■ 47.2502, 39.4146,
57.7011

■ 56.1916, 55.6403,
65.7901

■ 43.7087, 33.1246,
54.0755

■ 61.6483, 65.6893,
70.2736

■ 40.7451, 27.9672,
50.7145

■ 67.7973, 77.0988,
75.0623

■ 38.3247, 23.8731,
47.6059

■ 74.6630, 89.9175,
80.1648

■ 36.4092, 20.7657,
44.7363

■ 75.3745, 90.4034,
83.2914

34.9549, 18.5581,
42.0906

75.9758, 90.6438,
86.4574

33.9106, 17.1479,
39.6509

76.5925, 90.8905,
89.7051

33.2004, 16.3838,
37.3915

77.2249, 91.1435,
93.0353

33.0860, 16.2719,
36.9925

77.8731, 91.4028,
96.4485

Harmonies

Analogous

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



48.5966, 46.8982, 71.1044



51.4000, 46.8982, 61.6015



52.3455, 46.8982, 50.3166

Triad

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



51.4000, 46.8982, 61.6015



44.3135, 46.8982, 32.7574



38.6211, 46.8982, 63.0878

Complementary

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



51.4000, 46.8982, 61.6015



47.7336, 57.5148, 51.2361

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.



37.6149, 46.8982, 51.8191



51.4000, 46.8982, 61.6015



40.7822, 46.8982, 35.1948

Square

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



51.4000, 46.8982, 61.6015



48.1170, 46.8982, 34.6119



38.3832, 46.8982, 41.8027



41.2119, 46.8982, 72.0452

Rectangle

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



51.4000, 46.8982, 61.6015



51.7540, 46.8982, 43.5528



38.3832, 46.8982, 41.8027



38.0932, 46.8982, 59.3931

Sweetspot

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



51.4014, 46.9003, 61.6025



90.6873, 91.9615, 105.3284



44.5717, 43.2678, 66.3246



19.2843, 19.4509, 22.4392



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.



51.4014, 46.9003, 61.6025



77.8465, 68.5433, 94.0704



49.3439, 46.0773, 50.7682



12.1997, 11.9646, 14.3276



20.4367, 10.0475, 23.0036



1.1701, 0.5727, 1.4304

Inverse Universe

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



51.4014, 46.9003, 61.6025



77.8465, 68.5433, 94.0704



49.7436, 58.3188, 61.8207



12.1997, 11.9646, 14.3276



20.4367, 10.0475, 23.0036



1.1701, 0.5727, 1.4304

Previews

White Background



This preview shows how the XYZ color 51.4000, 46.8982, 61.6015 looks on a white background.

Color Contrast Check

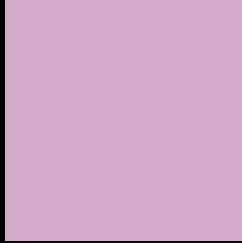
Large Text (above 18pt) WCAG AA × Fail

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 51.4000, 46.8982, 61.6015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

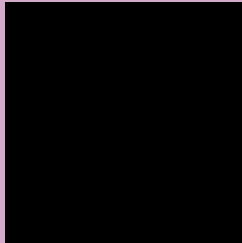
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.4000, 46.8982, 61.6015

Background



This preview shows how black text looks on a background with the XYZ color 51.4000, 46.8982, 61.6015.



This preview shows how white text looks on a background with the XYZ color 51.4000, 46.8982,

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

51.4000, 46.8982, 61.6015

Protanopia

46.1465, 47.0177, 65.6746

Deuteranopia

47.8857, 46.8209, 61.1571



Tritanopia

49.6453, 46.7404, 53.4189

Trichromacy



Original Color

51.4000, 46.8982, 61.6015

Protanomaly

47.7279, 46.6709, 64.2505

Deuteranomaly

49.0440, 46.8358, 61.0989

Tritanomaly

50.2794, 46.7207, 56.2372

Monochromacy



Original Color

51.4000, 46.8982, 61.6015

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

48.1760, 48.2787, 56.0698

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.4000, 46.8982, 61.6015 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(209, 171, 201)` looks like.

```
.text, #text, p{  
    color:rgb(209, 171, 201)  
}
```

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(209, 171, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 171, 201) }
```

Border

The CSS property to change the border of an element to XYZ 51.4000, 46.8982, 61.6015 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(209, 171, 201) }
```


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

```
.border{ border-color:rgb(209, 171, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 171, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 171, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 171, 201);  
box-shadow:4px 4px 4px 4px rgb(209, 171,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 51.4000, 46.8982, 61.6015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 171, 201) }
```

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

```
.background{ background-color: rgb(209,  
171, 201) }
```

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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