

Converting Colors

XYZ(51.1090, 42.5801, 69.8159)

Have a look what the booklet for
XYZ(51.1090, 42.5801, 69.8159)
contains.

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Color

**XYZ(51.0182, 42.5321,
69.8105)**

Conversions

Conversions Part 1

Format	Color
Hex	D39CD7
RGB	211, 156, 215
RGB Percent	83%, 61%, 84%
CMY	0.1725, 0.3882, 0.1569
CMYK	0.02, 0.27, 0.00, 0.16
HSL	296°, 42%, 73%
HSV	296°, 27%, 84%
XYZ	51.0182, 42.5321, 69.8105
YIQ	179.1710, 13.8410, 30.0090

Conversions

Conversions Part 2

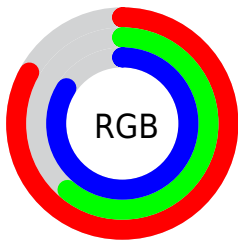
Format	Color
R _{YB}	211, 156, 215
Decimal	13868247
CIE Lab	71.24, 30.33, -22.05
CIE LCh	71, 37.499, 323.982
Yxy	42.5321, 0.3123, 0.2604
Android (android.graphics.Color)	4292058327 (0xFFD39CD7)
YUV	179.1710, 17.6637, 27.9140
Hunter-Lab	65.2166, 25.5093, -17.8147

Details

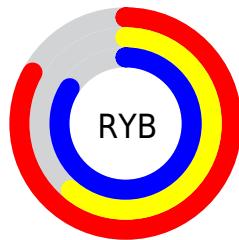
The XYZ color **51.0182, 42.5321, 69.8105** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **44.7998, 58.4758, 40.3803**, and the grayscale version is **42.8436, 45.0748, 49.0865**.

A 20% lighter version of the original color is **82.5843, 75.0685, 104.7448**, and **25.0058, 19.5066, 35.7049** is the 20% darker color. If you saturate the color by 10%, you get **47.3096, 35.7312, 68.6939**, and if you desaturate by 10%, it is **55.3718, 50.6158, 71.1420**.

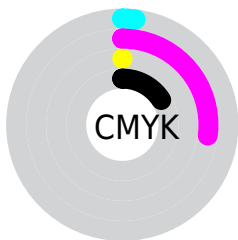
Distribution



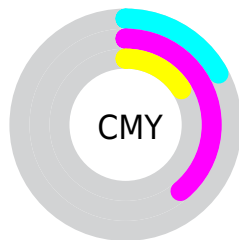
- Red (83%)
- Green (61%)
- Blue (84%)



- Red (83%)
- Yellow (61%)
- Blue (84%)



- Cyan (2%)
- Magenta (27%)
- Yellow (0%)
- Black (16%)





- Cyan (17%)
- Magenta (39%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.0182, 42.5321, 69.8105 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 51.0182, 42.5321, 69.8105 by changing the saturation by 10% instead.


 51.0182, 42.5321,
69.8105

 51.0182, 42.5321,
69.8105


381.0210,
356.6840, 478.6555

 36.4442, 29.5182,
50.8962


 90.8645, 79.0043,
120.6171

 24.9491, 19.4732,
35.7499


 116.8675,
103.2314, 153.3464

 16.1677, 12.0127,
23.9529


147.4109,
131.9649, 191.5178

 9.7345, 6.7523,
15.0868

182.8600,
165.5894, 235.5499

 5.2842, 3.3077,
8.7330

223.5802,
204.4891, 285.8612

 2.4514, 1.2944,
4.4730

269.9369,

 0.8708, 0.1369,

249.0485, 342.8702

1.8883

322.2954,
299.6520, 406.9954

■ 0.0000, 0.0000,
0.4853

■ 0.0000, 0.0000,
0.0000

■ 51.0182, 42.5321,
69.8105

■ 51.0182, 42.5321,
69.8105

■ 47.3096, 35.7312,
68.6939

■ 55.3718, 50.6158,
71.1420

■ 44.2083, 30.1401,
67.7781

■ 60.3976, 60.0390,
72.6959

■ 41.6789, 25.6871,
67.0519

■ 66.1260, 70.8619,
74.4831

■ 39.6806, 22.2908,
66.5017

■ 72.5846, 83.1394,
76.5125

■ 38.1672, 19.8588,
66.1121

■ 77.0258, 91.3763,
77.8683

■ 37.0846, 18.2828,
65.8649

■ 77.4643, 91.6024,
77.8888

■ 36.3592, 17.4156,
65.7358

■ 77.9067, 91.8305,
77.9095

■ 36.1994, 17.2445,
65.7112

■ 78.3530, 92.0605,
77.9304

■ 78.8031, 92.2926,
77.9514

Harmonies

Analogous

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



45.5433, 42.5321, 85.7142



51.0182, 42.5321, 69.8105



53.6856, 42.5321, 50.0373

Triad

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



51.0182, 42.5321, 69.8105



41.7067, 42.5321, 19.6984



30.3514, 42.5321, 61.8637

Complementary

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



51.0182, 42.5321, 69.8105



44.7998, 58.4758, 40.3803

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.



29.5511, 42.5321, 42.7730



51.0182, 42.5321, 69.8105



35.7062, 42.5321, 21.3244

Square

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



51.0182, 42.5321, 69.8105



47.9627, 42.5321, 23.5639



31.4109, 42.5321, 28.7822



33.7224, 42.5321, 80.3557

Rectangle

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



51.0182, 42.5321, 69.8105



53.3340, 42.5321, 38.4351



31.4109, 42.5321, 28.7822



29.7884, 42.5321, 55.1937

Sweetspot

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



51.0195, 42.5340, 69.8114



88.3770, 87.4065, 106.8209



38.7081, 37.4368, 69.4765



18.6639, 18.2340, 22.7858



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.



51.0195, 42.5340, 69.8114



71.7570, 56.4833, 101.7281



49.2540, 41.9617, 54.4592



12.8661, 12.5879, 15.6891



21.6878, 10.3330, 39.3045



1.3336, 0.6364, 2.3719

Inverse Universe

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



46.2593, 40.7639, 38.6895



63.6660, 53.4858, 48.3307



46.3100, 58.9889, 52.4391



12.4571, 12.4343, 13.0811



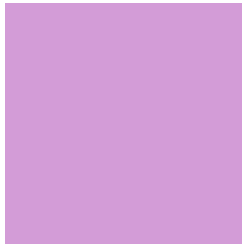
16.8258, 8.6666, 1.1206



1.0271, 0.5276, 0.1321

Previews

White Background



This preview shows how the XYZ color 51.0182, 42.5321, 69.8105 looks on a white background.

Color Contrast Check

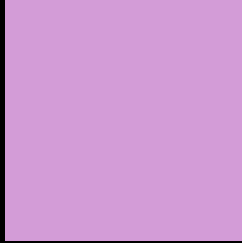
Large Text (above 18pt) WCAG AA × Fail

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 51.0182, 42.5321, 69.8105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

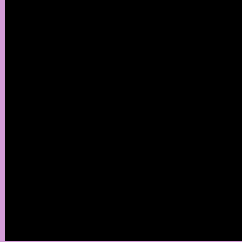
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.0182, 42.5321, 69.8105

Background



This preview shows how black text looks on a background with the XYZ color 51.0182, 42.5321, 69.8105.



This preview shows how white text looks on a background with the XYZ color 51.0182, 42.5321,

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

51.0182, 42.5321, 69.8105

Protanopia

43.3059, 42.9068, 78.6724

Deuteranopia

43.6802, 42.7635, 68.2393



Tritanopia

46.3873, 42.4508, 46.8232

Trichromacy



Original Color

51.0182, 42.5321, 69.8105



Protanomaly

45.7284, 42.5489, 75.6146



Deuteranomaly

46.1400, 42.6413, 68.7495



Tritanomaly

47.8775, 42.2692, 54.3506

Monochromacy



Original Color

51.0182, 42.5321, 69.8105



Achromatopsia

42.8472, 45.0786, 49.0906



Achromatomaly

45.5632, 44.0080, 55.9621

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.0182, 42.5321, 69.8105 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(211, 156, 215)` looks like.

```
.text, #text, p{  
    color:rgb(211, 156, 215)  
}
```

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(211, 156, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 156, 215) }
```

Border

The CSS property to change the border of an element to XYZ 51.0182, 42.5321, 69.8105 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(211, 156, 215) }
```


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

```
.border{ border-color:rgb(211, 156, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 156, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 156, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 156, 215);  
box-shadow:4px 4px 4px 4px rgb(211, 156,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 51.0182, 42.5321, 69.8105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 156, 215) }
```

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

```
.background{ background-color: rgb(211,  
156, 215) }
```

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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