

Converting Colors

XYZ(51.7246, 42.6490, 69.8044)

Have a look what the booklet for
XYZ(51.7246, 42.6490, 69.8044)
contains.

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Color

**XYZ(51.7186, 42.6451,
69.7954)**

Conversions

Conversions Part 1

Format	Color
Hex	D69BD7
RGB	214, 155, 215
RGB Percent	84%, 61%, 84%
CMY	0.1608, 0.3921, 0.1569
CMYK	0.00, 0.28, 0.00, 0.16
HSL	299°, 43%, 73%
HSV	299°, 28%, 84%
XYZ	51.7186, 42.6451, 69.7954
YIQ	179.4810, 15.9040, 31.1680

Conversions

Conversions Part 2

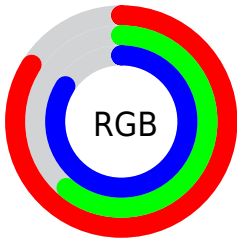
Format	Color
R_{YB}	214, 155, 215
Decimal	14064599
CIE _{Lab}	71.31, 31.85, -21.91
CIE _{LCh}	71, 38.655, 325.480
Yxy	42.6451, 0.3151, 0.2598
Android (android.graphics.Color)	4292254679 (0xFFD69BD7)
YUV	179.4810, 17.5109, 30.2732
Hunter-Lab	65.3032, 27.0871, -17.6563

Details

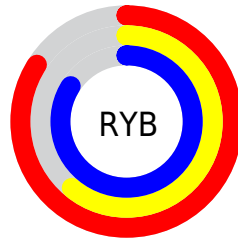
The XYZ color **51.7186, 42.6451, 69.7954** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **43.9286, 58.0364, 39.8993**, and the grayscale version is **43.0090, 45.2488, 49.2759**.

A 20% lighter version of the original color is **82.3366, 74.5732, 104.6622**, and **25.2960, 19.5077, 35.6898** is the 20% darker color. If you saturate the color by 10%, you get **48.3502, 36.0624, 68.7030**, and if you desaturate by 10%, it is **55.7270, 50.5057, 71.1020**.

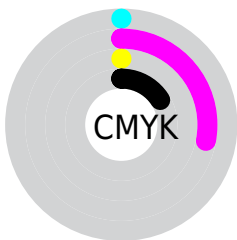
Distribution



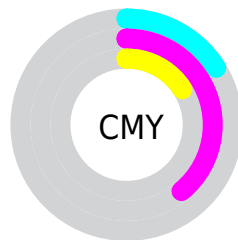
- Red (84%)
- Green (61%)
- Blue (84%)



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



- Cyan (0%)
- Magenta (28%)
- Yellow (0%)
- Black (16%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.7186, 42.6451, 69.7954 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 51.7186, 42.6451, 69.7954 by changing the saturation by 10% instead.


 51.7186, 42.6451,
69.7954


 51.7186, 42.6451,
69.7954


383.6911,
357.1502, 478.6010

 37.0042, 29.6068,
50.8840


 91.8928, 79.1750,
120.5953

 25.3844, 19.5403,
35.7402


 118.0833,
103.4354, 153.3209

 16.4940, 12.0613,
23.9455


148.8298,
132.2052, 191.4883

 9.9674, 6.7855,
15.0814

184.4978,
165.8689, 235.5160

 5.4395, 3.3283,
8.7293

225.4526,
204.8109, 285.8226

 2.5447, 1.3054,
4.4706

272.0595,

 0.9179, 0.1454,

249.4155, 342.8266

1.8869

324.6839,
300.0671, 406.9465

■ 0.0000, 0.0000,
0.4844

■ 0.0000, 0.0000,
0.0000

■ 51.7186, 42.6451,
69.7954

■ 51.7186, 42.6451,
69.7954

■ 48.3502, 36.0624,
68.7030

■ 55.7270, 50.5057,
71.1020

■ 45.5838, 30.6845,
67.8107

■ 60.4026, 59.7011,
72.6305

■ 43.3841, 26.4393,
67.1073

■ 65.7760, 70.2919,
74.3915

■ 41.7098, 23.2448,
66.5789

■ 71.8747, 82.3329,
76.3942

40.5147, 21.0083,
66.2102

76.2834, 90.9937,
77.8335

39.7441, 19.6204,
65.9829

76.3892, 91.0482,
77.8385

39.3205, 18.9261,
65.8712

76.4953, 91.1029,
77.8434

39.2500, 18.8172,
65.8539

76.6016, 91.1577,
77.8484

76.7081, 91.2126,
77.8534

Harmonies

Analogous

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



46.1467, 42.6451, 86.7855



51.7186, 42.6451, 69.7954



54.3017, 42.6451, 49.3093

Triad

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



51.7186, 42.6451, 69.7954



41.5251, 42.6451, 19.1246



30.2714, 42.6451, 63.5832

Complementary

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



51.7186, 42.6451, 69.7954



43.9286, 58.0364, 39.8993

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.



29.3137, 42.6451, 43.6713



51.7186, 42.6451, 69.7954



35.3939, 42.6451, 21.0502

Square

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



51.7186, 42.6451, 69.7954



48.0304, 42.6451, 22.7578



31.0888, 42.6451, 28.9700



33.8593, 42.6451, 82.5786

Rectangle

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



51.7186, 42.6451, 69.7954



53.7998, 42.6451, 37.5258



31.0888, 42.6451, 28.9700



29.6487, 42.6451, 56.6493

Sweetspot

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



51.7199, 42.6470, 69.7963



88.7590, 87.6035, 106.8388



37.6736, 35.6539, 69.1868



18.7610, 18.2840, 22.7903



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.



51.7199, 42.6470, 69.7963



73.3107, 57.2843, 101.8008



48.6099, 41.4368, 51.8920



12.9316, 12.6217, 15.6922



23.4856, 11.2598, 39.3887



1.4232, 0.6826, 2.3760

Inverse Universe

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



45.7478, 40.2919, 36.8204



63.2452, 53.3174, 46.1146



46.4712, 59.0312, 54.2939



12.4316, 12.4241, 12.9469



16.7775, 8.6473, 0.8666



1.0150, 0.5228, 0.0681

Previews

White Background



This preview shows how the XYZ color 51.7186, 42.6451, 69.7954 looks on a white background.

Color Contrast Check

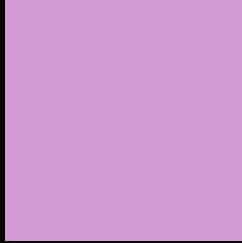
Large Text (above 18pt) WCAG AA × Fail

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 51.7186, 42.6451, 69.7954 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

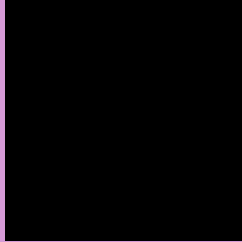
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.7186, 42.6451, 69.7954

Background



This preview shows how black text looks on a background with the XYZ color 51.7186, 42.6451, 69.7954.



This preview shows how white text looks on a background with the XYZ color 51.7186, 42.6451,

69.7954.

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

51.7186, 42.6451, 69.7954

Protanopia

43.4444, 42.9622, 79.4015

Deuteranopia

43.6802, 42.7635, 68.2393



Tritanopia

47.1296, 42.8448, 46.3433

Trichromacy



Original Color

51.7186, 42.6451, 69.7954

Protanomaly

45.7779, 42.3034, 75.5647

Deuteranomaly

46.2044, 42.4057, 68.7007

Tritanomaly

48.7290, 42.7082, 54.3904

Monochromacy



Original Color

51.7186, 42.6451, 69.7954

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

45.6274, 43.7617, 55.9112

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.7186, 42.6451, 69.7954 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, 155, 215)` looks like.

```
.text, #text, p{  
    color:rgb(214, 155, 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(214, 155, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 155, 215) }
```

Border

The CSS property to change the border of an element to XYZ 51.7186, 42.6451, 69.7954 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, 155, 215) }
```


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

```
.border{ border-color:rgb(214, 155, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 155, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 155, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 155, 215);  
box-shadow:4px 4px 4px 4px rgb(214, 155,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 51.7186, 42.6451, 69.7954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 155, 215) }
```

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

```
.background{ background-color: rgb(214,  
155, 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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