

Converting Colors

XYZ(50.5181, 42.7324, 61.4389)

Have a look what the booklet for
XYZ(50.5181, 42.7324, 61.4389)
contains.

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Color

**XYZ(50.4492, 42.6744,
61.4551)**

Conversions

Conversions Part 1

Format	Color
Hex	D69DCA
RGB	214, 157, 202
RGB Percent	84%, 62%, 79%
CMY	0.1608, 0.3843, 0.2078
CMYK	0.00, 0.27, 0.06, 0.16
HSL	313°, 41%, 73%
HSV	313°, 27%, 84%
XYZ	50.4492, 42.6744, 61.4551
YIQ	179.1730, 19.5270, 26.0790

Conversions

Conversions Part 2

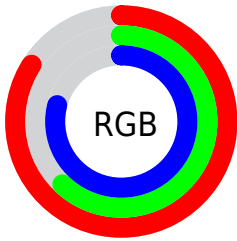
Format	Color
R_{YB}	214, 157, 202
Decimal	14065098
CIE _{Lab}	71.33, 28.40, -14.71
CIE _{LCh}	71, 31.979, 332.616
Yxy	42.6744, 0.3264, 0.2761
Android (android.graphics.Color)	4292255178 (0xFFD69DCA)
YUV	179.1730, 11.2537, 30.5433
Hunter-Lab	65.3256, 23.5308, -10.0491

Details

The XYZ color **50.4492, 42.6744, 61.4551** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **45.1144, 58.1271, 46.3806**, and the grayscale version is **42.8757, 45.1085, 49.1232**.

A 20% lighter version of the original color is **82.8335, 75.5670, 104.8278**, and **24.6949, 19.6122, 30.5009** is the 20% darker color. If you saturate the color by 10%, you get **46.6154, 35.8475, 57.5837**, and if you desaturate by 10%, it is **54.9353, 50.7795, 65.6217**.

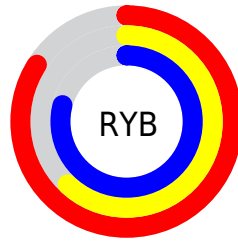
Distribution



Red (84%)

Green (62%)

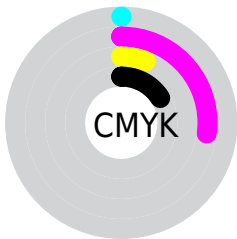
Blue (79%)



Red (84%)

Yellow (62%)

Blue (79%)

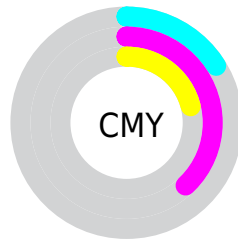


Cyan (0%)

Magenta (27%)

Yellow (6%)

Black (16%)



Cyan (16%)


Magenta (38%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.4492, 42.6744, 61.4551 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 50.4492, 42.6744, 61.4551 by changing the saturation by 10% instead.


 50.4492, 42.6744,
61.4551


 50.4492, 42.6744,
61.4551


378.8430,
357.2710, 447.8934

 35.9897, 29.6297,
44.1596

 90.0279, 79.2193,
108.5016

 24.5963, 19.5577,
30.4579


 115.8779,
103.4883, 139.0896

 15.9037, 12.0740,
19.9314


146.2553,
132.2675, 174.9456

 9.5464, 6.7941,
12.1616

181.5257,
165.9414, 216.4880

 5.1592, 3.3336,
6.7300

222.0543,
204.8943, 264.1355

 2.3767, 1.3083,
3.2179

268.2064,

 0.8335, 0.1476,

249.5106, 318.3065

1.2070

320.3476,
300.1747, 379.4196

■ 0.0000, 0.0000,
0.0000

■ 50.4492, 42.6744,
61.4551

■ 50.4492, 42.6744,
61.4551

■ 46.6154, 35.8475,
57.5837

■ 54.9353, 50.7795,
65.6217

■ 43.3968, 30.2270,
53.9931

■ 60.1005, 60.2185,
70.0918

■ 40.7585, 25.7425,
50.6715

■ 65.9750, 71.0507,
74.8764

■ 38.6604, 22.3142,
47.6049

■ 72.5859, 83.3302,
79.9852

■ 37.0572, 19.8517,
44.7775

■ 77.0183, 91.2269,
84.4472

■ 35.8962, 18.2496,
42.1710

■ 77.6396, 91.4754,
87.7188

■ 35.1095, 17.3725,
39.7621

■ 78.2772, 91.7304,
91.0764

■ 34.8881, 17.1588,
38.9819

■ 78.9313, 91.9921,
94.5207

■ 79.6019, 92.2603,
98.0522

Harmonies

Analogous

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



46.3915, 42.6744, 76.1276



50.4492, 42.6744, 61.4551



51.7881, 42.6744, 45.1269

Triad

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



50.4492, 42.6744, 61.4551



40.0907, 42.6744, 22.7221



32.4620, 42.6744, 64.3185

Complementary

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



50.4492, 42.6744, 61.4551



45.1144, 58.1271, 46.3806

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.



31.0860, 42.6744, 47.8296



50.4492, 42.6744, 61.4551



35.2402, 42.6744, 25.7240

Square

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



50.4492, 42.6744, 61.4551



45.5034, 42.6744, 24.8237



32.0570, 42.6744, 34.1354



35.9896, 42.6744, 78.0211

Rectangle

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



50.4492, 42.6744, 61.4551



50.8707, 42.6744, 35.9851



32.0570, 42.6744, 34.1354



31.7473, 42.6744, 58.8048

Sweetspot

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



50.4505, 42.6763, 61.4560



88.2000, 87.3943, 103.2432



40.4303, 37.3401, 68.6955



18.6192, 18.2310, 21.8779



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.



50.4505, 42.6763, 61.4560



71.6665, 57.4632, 88.0643



47.4398, 41.4720, 45.6021



12.8358, 12.5858, 15.0757



21.1266, 10.3869, 23.7682



1.3030, 0.6380, 1.5848

Inverse Universe

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



50.4505, 42.6763, 61.4560



71.6665, 57.4632, 88.0643



48.0193, 59.2890, 61.6777



12.8358, 12.5858, 15.0757



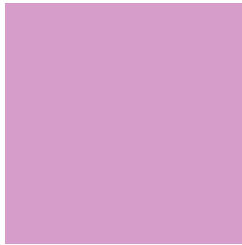
21.1266, 10.3869, 23.7682



1.3030, 0.6380, 1.5848

Previews

White Background



This preview shows how the XYZ color 50.4492, 42.6744, 61.4551 looks on a white background.

Color Contrast Check

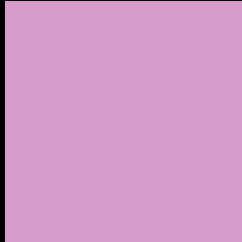
Large Text (above 18pt) WCAG AA × Fail

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 50.4492, 42.6744, 61.4551 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

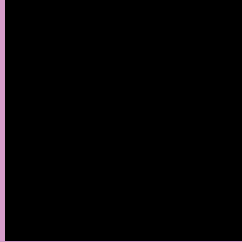
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.4492, 42.6744, 61.4551

Background



This preview shows how black text looks on a background with the XYZ color 50.4492, 42.6744, 61.4551.



This preview shows how white text looks on a background with the XYZ color 50.4492, 42.6744,

61.4551.

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

50.4492, 42.6744, 61.4551

Protanopia

42.6797, 42.7982, 68.9622

Deuteranopia

43.6941, 42.9526, 60.0206



Tritanopia

47.2365, 42.6374, 46.2977

Trichromacy



Original Color

50.4492, 42.6744, 61.4551

Protanomaly

44.8558, 42.3082, 66.1237

Deuteranomaly

45.7998, 42.6490, 60.4618

Tritanomaly

48.1917, 42.4933, 51.5610

Monochromacy



Original Color

50.4492, 42.6744, 61.4551

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

45.2708, 43.9201, 53.1051

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.4492, 42.6744, 61.4551 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, 157, 202)` looks like.

```
.text, #text, p{  
    color:rgb(214, 157, 202)  
}
```

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, 157, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 157, 202) }
```

Border

The CSS property to change the border of an element to XYZ 50.4492, 42.6744, 61.4551 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, 157, 202) }
```


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

```
.border{ border-color:rgb(214, 157, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 157, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 157, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 157, 202);  
box-shadow:4px 4px 4px 4px rgb(214, 157,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 50.4492, 42.6744, 61.4551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 157, 202) }
```

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

```
.background{ background-color: rgb(214,  
157, 202) }
```

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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