

Converting Colors

XYZ(52.6249, 43.0177, 64.3837)

Have a look what the booklet for
XYZ(52.6249, 43.0177, 64.3837)
contains.

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Color

**XYZ(52.6369, 42.9883,
64.5548)**

Conversions

Conversions Part 1

Format	Color
Hex	DD9ACF
RGB	221, 154, 207
RGB Percent	87%, 60%, 81%
CMY	0.1333, 0.3961, 0.1882
CMYK	0.00, 0.30, 0.06, 0.13
HSL	313°, 50%, 74%
HSV	313°, 30%, 87%
XYZ	52.6369, 42.9883, 64.5548
YIQ	180.0750, 22.9190, 30.6870

Conversions

Conversions Part 2

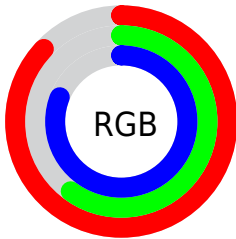
Format	Color
R _Y B	221, 154, 207
Decimal	14523087
CIE Lab	71.55, 33.24, -17.07
CIE LCh	72, 37.372, 332.815
Yxy	42.9883, 0.3286, 0.2684
Android (android.graphics.Color)	4292713167 (0xFFDD9ACF)
YUV	180.0750, 13.2740, 35.8912
Hunter-Lab	65.5655, 28.5628, -12.4802

Details

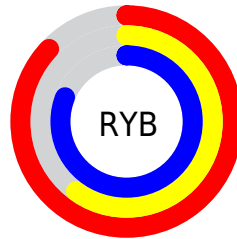
The XYZ color **52.6369, 42.9883, 64.5548** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **46.2525, 61.4115, 46.4642**, and the grayscale version is **43.3461, 45.6035, 49.6622**.

A 20% lighter version of the original color is **82.0905, 74.0809, 104.5802**, and **26.0182, 19.8020, 32.5878** is the 20% darker color. If you saturate the color by 10%, you get **48.7636, 36.1315, 60.5189**, and if you desaturate by 10%, it is **57.2008, 51.1985, 68.9033**.

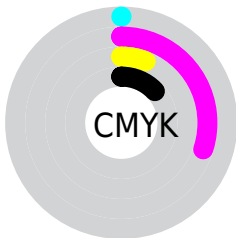
Distribution



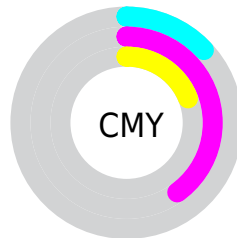
- Red (87%)
- Green (60%)
- Blue (81%)



- Red (87%)
- Yellow (60%)
- Blue (81%)



- Cyan (0%)
- Magenta (30%)
- Yellow (6%)
- Black (13%)





- Cyan (13%)
- Magenta (40%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.6369, 42.9883, 64.5548 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 52.6369, 42.9883, 64.5548 by changing the saturation by 10% instead.

 52.6369, 42.9883,
64.5548


 52.6369, 42.9883,
64.5548

387.1742,
358.5637, 459.4527

 37.7393, 29.8759,
46.6511


 93.2385, 79.6932,
113.0167

 25.9567, 19.7444,
32.4076


 119.6733,
104.0545, 144.4120

 16.9238, 12.2094,
21.4056

150.6845,
132.9343, 181.1416

 10.2751, 6.8865,
13.2267

186.6374,
166.7169, 223.6240

 5.6454, 3.3912,
7.4523

227.8975,
205.7868, 272.2778

 2.6693, 1.3392,
3.6638

274.8301,

 0.9814, 0.1713,

250.5282, 327.5215

1.4428

327.8005,
301.3257, 389.7736

■ 0.0000, 0.0000,
0.1748

■ 0.0000, 0.0000,
0.0000

■ 52.6369, 42.9883,
64.5548

■ 52.6369, 42.9883,
64.5548

■ 48.7636, 36.1315,
60.5189

■ 57.2008, 51.1985,
68.9033

■ 45.5399, 30.5485,
56.7799

■ 62.4856, 60.8246,
73.5739

■ 42.9267, 26.1602,
53.3245

■ 68.5246, 71.9320,
78.5786

■ 40.8785, 22.8764,
50.1368

■ 75.3475, 84.5804,
83.9282

■ 39.3438, 20.5939,
47.1990

■ 79.8751, 92.6107,
88.5968

■ 38.2610, 19.1901,
44.4898

■ 80.5328, 92.8738,
92.0603

■ 37.5392, 18.4604,
42.0486

■ 81.2079, 93.1438,
95.6150

■ 81.9004, 93.4208,
99.2615

■ 82.6104, 93.7048,
103.0006

Harmonies

Analogous

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



47.7973, 42.9883, 82.5271



52.6369, 42.9883, 64.5548



54.2228, 42.9883, 45.1200

Triad

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



52.6369, 42.9883, 64.5548



40.2657, 42.9883, 19.9615



31.4824, 42.9883, 68.2893

Complementary

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



52.6369, 42.9883, 64.5548



46.2525, 61.4115, 46.4642

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.



29.8940, 42.9883, 48.5354



52.6369, 42.9883, 64.5548



34.6271, 42.9883, 23.2464

Square

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



52.6369, 42.9883, 64.5548



46.6599, 42.9883, 22.1918



30.9839, 42.9883, 32.6524



35.5602, 42.9883, 85.0445

Rectangle

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



52.6369, 42.9883, 64.5548



53.1014, 42.9883, 34.5786



30.9839, 42.9883, 32.6524



30.6598, 42.9883, 61.6238

Sweetspot

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



52.6382, 42.9902, 64.5557



87.3980, 85.9163, 102.5875



40.6296, 36.5929, 73.3293



18.4595, 17.9367, 21.7473



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.



52.6382, 42.9902, 64.5557



69.4864, 53.5709, 85.8950



49.0257, 41.5452, 45.5326



13.4918, 13.2258, 15.8508



21.8493, 10.7408, 24.6503



1.4454, 0.7078, 1.7543

Inverse Universe

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



52.6382, 42.9902, 64.5557



69.4864, 53.5709, 85.8950



49.7153, 62.7966, 64.6988



13.4918, 13.2258, 15.8508



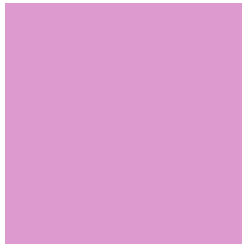
21.8493, 10.7408, 24.6503



1.4454, 0.7078, 1.7543

Previews

White Background



This preview shows how the XYZ color 52.6369, 42.9883, 64.5548 looks on a white background.

Color Contrast Check

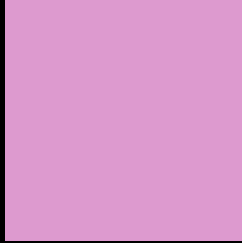
Large Text (above 18pt) WCAG AA × Fail

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 52.6369, 42.9883, 64.5548 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

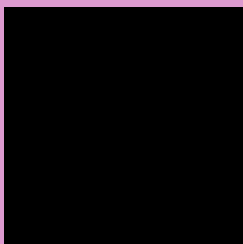
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.6369, 42.9883, 64.5548

Background



This preview shows how black text looks on a background with the XYZ color 52.6369, 42.9883, 64.5548.



This preview shows how white text looks on a background with the XYZ color 52.6369, 42.9883,

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

52.6369, 42.9883, 64.5548

Protanopia

43.4970, 43.3851, 74.4882

Deuteranopia

44.0524, 43.0692, 63.1181



Tritanopia

48.7289, 42.9105, 45.2494

Trichromacy



Original Color

52.6369, 42.9883, 64.5548



Protanomaly

46.2210, 42.9096, 70.8120



Deuteranomaly

46.7227, 42.7874, 63.5538



Tritanomaly

49.8973, 42.8619, 51.5422

Monochromacy



Original Color

52.6369, 42.9883, 64.5548



Achromatopsia

43.3819, 45.6411, 49.7032



Achromatomaly

46.3629, 44.4456, 54.8505

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.6369, 42.9883, 64.5548 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(221, 154, 207)` looks like.

```
.text, #text, p{  
    color:rgb(221, 154, 207)  
}
```

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(221, 154, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 154, 207) }
```

Border

The CSS property to change the border of an element to XYZ 52.6369, 42.9883, 64.5548 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(221, 154, 207) }
```


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

```
.border{ border-color:rgb(221, 154, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 154, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 154, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 154, 207);  
box-shadow:4px 4px 4px 4px rgb(221, 154,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 52.6369, 42.9883, 64.5548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 154, 207) }
```

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

```
.background{ background-color: rgb(221,  
154, 207) }
```

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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