

Converting Colors

XYZ(52.9975, 42.9535, 69.5092)

Have a look what the booklet for
XYZ(52.9975, 42.9535, 69.5092)
contains.

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Color

**XYZ(53.0348, 43.0776,
69.8095)**

Conversions

Conversions Part 1

Format	Color
Hex	DB9AD7
RGB	219, 154, 215
RGB Percent	86%, 60%, 84%
CMY	0.1412, 0.3961, 0.1569
CMYK	0.00, 0.30, 0.02, 0.14
HSL	304°, 47%, 73%
HSV	304°, 30%, 86%
XYZ	53.0348, 43.0776, 69.8095
YIQ	180.3890, 19.1590, 32.7510

Conversions

Conversions Part 2

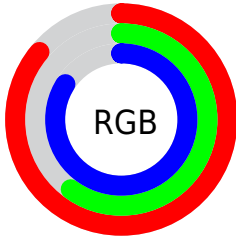
Format	Color
R _Y B	219, 154, 215
Decimal	14392023
CIE Lab	71.61, 34.01, -21.41
CIE LCh	72, 40.192, 327.813
Yxy	43.0776, 0.3196, 0.2596
Android (android.graphics.Color)	4292582103 (0xFFDB9AD7)
YUV	180.3890, 17.0632, 33.8618
Hunter-Lab	65.6335, 29.3772, -17.1189

Details

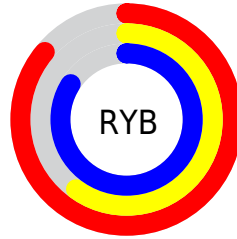
The XYZ color **53.0348, 43.0776, 69.8095** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **44.8313, 60.0032, 41.5692**, and the grayscale version is **43.4965, 45.7617, 49.8345**.

A 20% lighter version of the original color is **82.0905, 74.0809, 104.5802**, and **26.2008, 19.8273, 35.7038** is the 20% darker color. If you saturate the color by 10%, you get **49.5727, 36.4286, 67.8048**, and if you desaturate by 10%, it is **57.1604, 51.0497, 72.0434**.

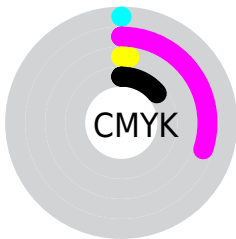
Distribution



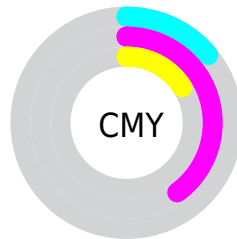
- Red (86%)
- Green (60%)
- Blue (84%)



- Red (86%)
- Yellow (60%)
- Blue (84%)



- Cyan (0%)
- Magenta (30%)
- Yellow (2%)
- Black (14%)





- Cyan (14%)
- Magenta (40%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.0348, 43.0776, 69.8095 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 53.0348, 43.0776, 69.8095 by changing the saturation by 10% instead.


 53.0348, 43.0776,
69.8095


 53.0348, 43.0776,
69.8095


388.6773,
358.9308, 478.6519

 38.0581, 29.9460,
50.8954


 93.8208, 79.8279,
120.6156

 26.2052, 19.7976,
35.7492


 120.3609,
104.2155, 153.3447

 17.1107, 12.2480,
23.9524


151.4861,
133.1238, 191.5159

 10.4093, 6.9128,
15.0865

187.5618,
166.9373, 235.5477

 5.7355, 3.4076,
8.7328

228.9535,
206.0403, 285.8586

 2.7240, 1.3481,
4.4729

276.0264,

 1.0096, 0.1780,

250.8173, 342.8673

1.8882

329.1459,
301.6527, 406.9922

■ 0.0000, 0.0000,
0.4852

■ 0.0000, 0.0000,
0.0000

■ 53.0348, 43.0776,
69.8095

■ 53.0348, 43.0776,
69.8095

■ 49.5727, 36.4286,
67.8048

■ 57.1604, 51.0497,
72.0434

■ 46.7341, 31.0253,
66.0145

■ 61.9787, 60.4056,
74.5147

■ 44.4811, 26.7908,
64.4264

■ 67.5219, 71.2091,
77.2347

■ 42.7700, 23.6378,
63.0259

■ 73.8191, 83.5182,
80.2132

41.5507, 21.4664,
61.7964

78.1240, 91.8403,
82.5346

40.7643, 20.1582,
60.7181

78.3051, 91.9128,
83.4887

40.3093, 19.5107,
59.7572

78.4877, 91.9859,
84.4503

40.2964, 19.4933,
59.7270

78.6718, 92.0595,
85.4196

78.8573, 92.1337,
86.3965

Harmonies

Analogous

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



47.3518, 43.0776, 88.4257



53.0348, 43.0776, 69.8095



55.4467, 43.0776, 48.3478

Triad

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



53.0348, 43.0776, 69.8095



41.4450, 43.0776, 18.5563



30.4351, 43.0776, 66.6324

Complementary

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



53.0348, 43.0776, 69.8095



44.8313, 60.0032, 41.5692

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.



29.2201, 43.0776, 45.4896



53.0348, 43.0776, 69.8095



35.1420, 43.0776, 20.9703

Square

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



53.0348, 43.0776, 69.8095



48.3104, 43.0776, 21.8170



30.8464, 43.0776, 29.6529



34.3672, 43.0776, 86.2628

Rectangle

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



53.0348, 43.0776, 69.8095



54.6946, 43.0776, 36.3576



30.8464, 43.0776, 29.6529



29.7158, 43.0776, 59.3154

Sweetspot

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



53.0361, 43.0795, 69.8104



87.9341, 86.1307, 105.4101



38.2972, 35.4212, 71.8374



18.5924, 17.9899, 22.4472



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.



53.0361, 43.0795, 69.8104



71.5262, 54.3869, 96.6365



49.3440, 41.6026, 50.3676



13.5780, 13.2603, 16.3048



23.9086, 11.5645, 35.4942



1.5596, 0.7535, 2.3559

Inverse Universe

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



53.0361, 43.0795, 69.8104



71.5262, 54.3869, 96.6365



47.9266, 61.2413, 57.8686



13.5780, 13.2603, 16.3048



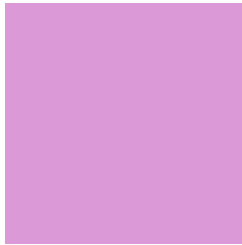
23.9086, 11.5645, 35.4942



1.5596, 0.7535, 2.3559

Previews

White Background



This preview shows how the XYZ color 53.0348, 43.0776, 69.8095 looks on a white background.

Color Contrast Check

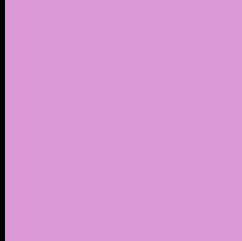
Large Text (above 18pt) WCAG AA × Fail

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 53.0348, 43.0776, 69.8095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

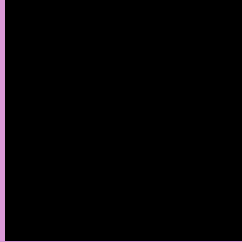
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.0348, 43.0776, 69.8095

Background



This preview shows how black text looks on a background with the XYZ color 53.0348, 43.0776, 69.8095.



This preview shows how white text looks on a background with the XYZ color 53.0348, 43.0776,

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

53.0348, 43.0776, 69.8095

Protanopia

43.9769, 43.5063, 80.2085

Deuteranopia

44.3154, 43.3725, 68.3234



Tritanopia

48.2919, 43.1928, 45.8362

Trichromacy



Original Color

53.0348, 43.0776, 69.8095



Protanomaly

46.5647, 42.9643, 76.3597



Deuteranomaly

46.9512, 42.7907, 68.7356



Tritanomaly

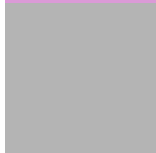
49.9023, 43.0693, 53.8272

Monochromacy



Original Color

53.0348, 43.0776, 69.8095



Achromatopsia

43.3819, 45.6411, 49.7032



Achromatomaly

46.4367, 44.4454, 56.5834

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.0348, 43.0776, 69.8095 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(219, 154, 215)` looks like.

```
.text, #text, p{  
    color:rgb(219, 154, 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(219, 154, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 154, 215) }
```

Border

The CSS property to change the border of an element to XYZ 53.0348, 43.0776, 69.8095 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(219, 154, 215) }
```


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

```
.border{ border-color:rgb(219, 154, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 154, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 154, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 154, 215);  
box-shadow:4px 4px 4px 4px rgb(219, 154,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0348, 43.0776, 69.8095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 154, 215) }
```

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

```
.background{ background-color: rgb(219,  
154, 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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