

Converting Colors

XYZ(53.5407, 43.7931, 71.7608)

Have a look what the booklet for
XYZ(53.5407, 43.7931, 71.7608)
contains.

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Color

**XYZ(53.4568, 43.7443,
71.9557)**

Conversions

Conversions Part 1

Format	Color
Hex	DA9CDA
RGB	218, 156, 218
RGB Percent	85%, 61%, 85%
CMY	0.1451, 0.3882, 0.1451
CMYK	0.00, 0.28, 0.00, 0.15
HSL	300°, 46%, 73%
HSV	300°, 28%, 85%
XYZ	53.4568, 43.7443, 71.9557
YIQ	181.6060, 17.0500, 32.4260

Conversions

Conversions Part 2

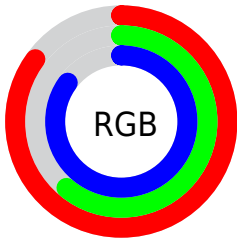
Format	Color
R _Y B	218, 156, 218
Decimal	14327002
CIE Lab	72.06, 33.17, -22.38
CIE LCh	72, 40.012, 325.984
Yxy	43.7443, 0.3160, 0.2586
Android (android.graphics.Color)	4292517082 (0xFFDA9CDA)
YUV	181.6060, 17.9422, 31.9175
Hunter-Lab	66.1395, 28.5274, -18.2063

Details

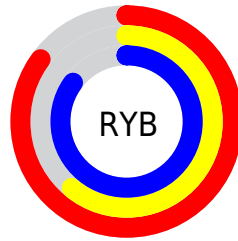
The XYZ color **53.4568, 43.7443, 71.9557** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **44.7842, 59.6125, 40.6008**, and the grayscale version is **44.1496, 46.4488, 50.5828**.

A 20% lighter version of the original color is **82.5843, 75.0685, 104.7448**, and **26.4615, 20.2264, 37.1597** is the 20% darker color. If you saturate the color by 10%, you get **50.1223, 37.0745, 70.8446**, and if you desaturate by 10%, it is **57.4505, 51.7309, 73.2875**.

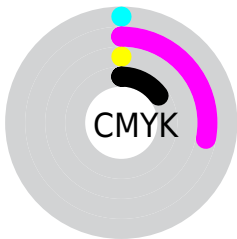
Distribution



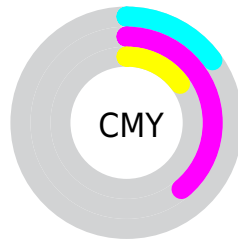
- Red (85%)
- Green (61%)
- Blue (85%)



- Red (85%)
- Yellow (61%)
- Blue (85%)



- Cyan (0%)
- Magenta (28%)
- Yellow (0%)
- Black (15%)





- Cyan (15%)
- Magenta (39%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.4568, 43.7443, 71.9557 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 53.4568, 43.7443, 71.9557 by changing the saturation by 10% instead.


 53.4568, 43.7443,
71.9557


 53.4568, 43.7443,
71.9557


390.2675,
361.6638, 486.3608

 38.3965, 30.4695,
52.6359


 94.4378, 80.8328,
123.7007

 26.4692, 20.1953,
37.1264


 121.0892,
105.4154, 156.9629

 17.3095, 12.5371,
25.0088


152.3350,
134.5360, 195.7097

 10.5521, 7.1105,
15.8646

188.5405,
168.5791, 240.3596

 5.8316, 3.5313,
9.2751

230.0712,
207.9290, 291.3311

 2.7826, 1.4150,
4.8218

277.2923,

 1.0399, 0.2278,

252.9702, 349.0428

2.0862

330.5693,
304.0870, 413.9131

■ 0.0000, 0.0000,
0.6075

■ 0.0000, 0.0000,
0.0000

■ 53.4568, 43.7443,
71.9557

■ 53.4568, 43.7443,
71.9557

■ 50.1223, 37.0745,
70.8446

■ 57.4505, 51.7309,
73.2875

■ 47.4078, 31.6455,
69.9396

■ 62.1319, 61.0936,
74.8481

■ 45.2762, 27.3823,
69.2289

■ 67.5326, 71.8949,
76.6484

■ 43.6849, 24.1998,
68.6984

■ 73.6811, 84.1919,
78.6981

42.5855, 22.0010,
68.3318

77.3290, 91.4877,
79.9142

41.9208, 20.6716,
68.1101

77.3290, 91.4877,
79.9143

41.6057, 20.0415,
68.0050

77.3291, 91.4877,
79.9144

41.5687, 19.9676,
67.9926

77.3291, 91.4877,
79.9145

77.3291, 91.4877,
79.9147

Harmonies

Analogous

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



47.6087, 43.7443, 90.1346



53.4568, 43.7443, 71.9557



56.1222, 43.7443, 50.3166

Triad

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



53.4568, 43.7443, 71.9557



42.5054, 43.7443, 19.0749



30.8424, 43.7443, 66.1072

Complementary

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



53.4568, 43.7443, 71.9557



44.7842, 59.6125, 40.6008

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.



29.7918, 43.7443, 45.0410



53.4568, 43.7443, 71.9557



36.0787, 43.7443, 21.1649

Square

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



53.4568, 43.7443, 71.9557



49.3760, 43.7443, 22.7382



31.6032, 43.7443, 29.5165



34.6470, 43.7443, 86.1594

Rectangle

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



53.4568, 43.7443, 71.9557



55.5428, 43.7443, 37.9946



31.6032, 43.7443, 29.5165



30.1746, 43.7443, 58.7707

Sweetspot

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



53.4582, 43.7462, 71.9566



88.1607, 86.2214, 106.6034



38.2556, 35.9090, 71.2455



18.6488, 18.0124, 22.7438



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.



53.4582, 43.7462, 71.9566



73.3480, 56.5961, 101.6654



49.7731, 42.2722, 52.5515



13.6144, 13.2749, 16.4969



24.9036, 11.9625, 40.7341



1.6134, 0.7750, 2.6390

Inverse Universe

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



53.4582, 43.7462, 71.9566



73.3480, 56.5961, 101.6654



47.7530, 60.8000, 56.2342



13.6144, 13.2749, 16.4969



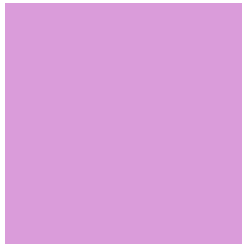
24.9036, 11.9625, 40.7341



1.6134, 0.7750, 2.6390

Previews

White Background



This preview shows how the XYZ color 53.4568, 43.7443, 71.9557 looks on a white background.

Color Contrast Check

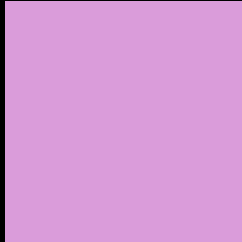
Large Text (above 18pt) WCAG AA × Fail

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 53.4568, 43.7443, 71.9557 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

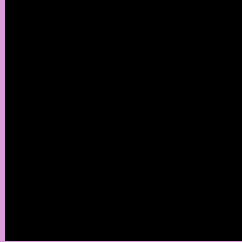
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.4568, 43.7443, 71.9557

Background



This preview shows how black text looks on a background with the XYZ color 53.4568, 43.7443, 71.9557.



This preview shows how white text looks on a background with the XYZ color 53.4568, 43.7443,

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

53.4568, 43.7443, 71.9557

Protanopia

44.7958, 44.1675, 82.5081

Deuteranopia

44.8885, 43.9074, 70.3991



Tritanopia

48.3626, 43.7223, 47.4852

Trichromacy



Original Color

53.4568, 43.7443, 71.9557



Protanomaly

47.1592, 43.4964, 78.5831



Deuteranomaly

47.6992, 43.6717, 70.8812



Tritanomaly

49.9909, 43.5917, 55.6484

Monochromacy



Original Color

53.4568, 43.7443, 71.9557



Achromatopsia

44.4628, 46.7784, 50.9417



Achromatomaly

47.2996, 45.4294, 57.9055

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4568, 43.7443, 71.9557 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(218, 156, 218)` looks like.

```
.text, #text, p{  
    color:rgb(218, 156, 218)  
}
```

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(218, 156, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 156, 218) }
```

Border

The CSS property to change the border of an element to XYZ 53.4568, 43.7443, 71.9557 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(218, 156, 218) }
```


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

```
.border{ border-color:rgb(218, 156, 218) }
```

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

Here you see how a box with a 4 pixel rgb(218, 156, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 156, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 156, 218);  
box-shadow:4px 4px 4px 4px rgb(218, 156,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4568, 43.7443, 71.9557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 156, 218) }
```

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

```
.background{ background-color: rgb(218,  
156, 218) }
```

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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