

Converting Colors

XYZ(43.5313, 39.6591, 62.6259)

Have a look what the booklet for
XYZ(43.5313, 39.6591, 62.6259)
contains.

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Color

**XYZ(43.5469, 39.5950,
62.4742)**

Conversions

Conversions Part 1

Format	Color
Hex	BA9FCC
RGB	186, 159, 204
RGB Percent	73%, 62%, 80%
CMY	0.2706, 0.3765, 0.2000
CMYK	0.09, 0.22, 0.00, 0.20
HSL	276°, 31%, 71%
HSV	276°, 22%, 80%
XYZ	43.5469, 39.5950, 62.4742
YIQ	172.2030, 1.6470, 19.7190

Conversions

Conversions Part 2

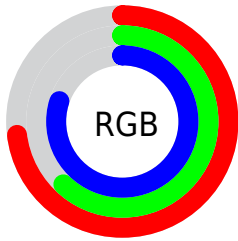
Format	Color
R _Y B	186, 159, 204
Decimal	12230604
CIE Lab	69.18, 18.30, -19.33
CIE LCh	69, 26.619, 313.435
Yxy	39.5950, 0.2991, 0.2719
Android (android.graphics.Color)	4290420684 (0xFFBA9FCC)
YUV	172.2030, 15.6759, 12.1000
Hunter-Lab	62.9246, 13.4128, -14.8185

Details

The XYZ color **43.5469, 39.5950, 62.4742** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **45.9837, 55.0371, 41.0024**, and the grayscale version is **39.2390, 41.2825, 44.9566**.

A 20% lighter version of the original color is **78.7145, 74.1904, 104.7792**, and **20.2784, 17.6229, 31.1869** is the 20% darker color. If you saturate the color by 10%, you get **38.3983, 32.1567, 61.3104**, and if you desaturate by 10%, it is **49.3902, 48.2529, 63.8380**.

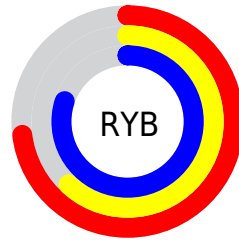
Distribution



Red (73%)

Green (62%)

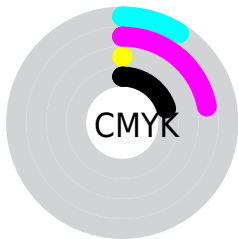
Blue (80%)



Red (73%)

Yellow (62%)

Blue (80%)

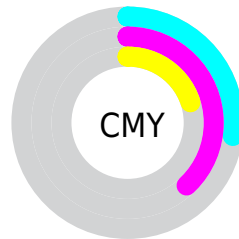


Cyan (9%)

Magenta (22%)

Yellow (0%)

Black (20%)



Cyan (27%)


Magenta (38%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.5469, 39.5950, 62.4742 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 43.5469, 39.5950, 62.4742 by changing the saturation by 10% instead.


 43.5469, 39.5950,
62.4742


 43.5469, 39.5950,
62.4742


351.7396,
344.4136, 451.7140

 30.5108, 27.2229,
44.9777


 79.7861, 74.5464,
109.9888

 20.3766, 17.7407,
31.0970


 103.7199, 97.8945,
140.8440

 12.7790, 10.7640,
20.4137


132.0170,
125.6701, 176.9892

 7.3525, 5.9084,
12.5090

165.0428,
158.2575, 218.8430

 3.7318, 2.7894,
6.9646

203.1626,
196.0411, 266.8238

 1.5515, 1.0228,
3.3619

246.7418,

 0.3605, 0.0000,

239.4055, 321.3502

1.2822

296.1456,
288.7348, 382.8408

■ 0.0000, 0.0000,
0.0472

■ 0.0000, 0.0000,
0.0000

■ 43.5469, 39.5950,
62.4742

■ 43.5469, 39.5950,
62.4742

■ 38.3983, 32.1567,
61.3104

■ 49.3902, 48.2529,
63.8380

■ 33.9103, 25.8752,
60.3345

■ 55.9526, 58.1792,
65.4081

■ 30.0516, 20.6896,
59.5370

■ 63.2621, 69.4260,
67.1937

■ 26.7864, 16.5315,
58.9065

■ 71.3437, 82.0411,
69.2027

24.0748, 13.3242,
58.4303

78.2758, 92.1786,
70.7941

21.8715, 10.9800,
58.0940

80.9082, 93.5357,
70.9173

20.1224, 9.3940,
57.8800

83.6642, 94.9564,
71.0462

18.9817, 8.5263,
57.7727

86.5454, 96.4418,
71.1811

87.8992, 97.1397,
71.2444

Harmonies

Analogous

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



39.5679, 39.5950, 70.1695



43.5469, 39.5950, 62.4742



46.0376, 39.5950, 50.1471

Triad

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



43.5469, 39.5950, 62.4742



40.0161, 39.5950, 24.3200



30.2205, 39.5950, 48.7916

Complementary

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



43.5469, 39.5950, 62.4742



45.9837, 55.0371, 41.0024

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.



30.3206, 39.5950, 36.7681



43.5469, 39.5950, 62.4742



35.7639, 39.5950, 24.0944

Square

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



43.5469, 39.5950, 62.4742



43.8963, 39.5950, 28.9196



32.2819, 39.5950, 28.2314



31.9973, 39.5950, 61.3220

Rectangle

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



43.5469, 39.5950, 62.4742



46.4103, 39.5950, 41.7228



32.2819, 39.5950, 28.2314



30.0401, 39.5950, 44.5322

Sweetspot

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



43.5481, 39.5967, 62.4751



87.0393, 87.8061, 106.9685



41.0694, 43.4735, 63.3540



18.4883, 18.5800, 22.8618



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.



43.5481, 39.5967, 62.4751



68.3302, 60.0587, 102.5988



47.7557, 41.8171, 60.3522



11.2365, 11.1712, 14.1344



12.0546, 5.4219, 36.3675



0.7061, 0.3231, 1.8801

Inverse Universe

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



45.2371, 40.8097, 47.0896



71.6673, 62.4439, 72.7146



42.4808, 53.1931, 42.5631



11.3951, 11.2868, 12.6154



16.6658, 8.4769, 5.9590



0.8970, 0.4522, 0.5033

Previews

White Background



This preview shows how the XYZ color 43.5469, 39.5950, 62.4742 looks on a white background.

Color Contrast Check

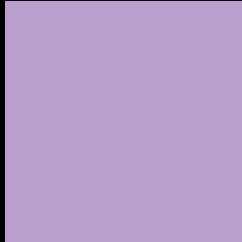
Large Text (above 18pt) WCAG AA × Fail

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 43.5469, 39.5950, 62.4742 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 43.5469, 39.5950, 62.4742

Background



This preview shows how black text looks on a background with the XYZ color 43.5469, 39.5950, 62.4742.



This preview shows how white text looks on a background with the XYZ color 43.5469, 39.5950,

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

43.5469, 39.5950, 62.4742

Protanopia

39.7497, 39.6615, 66.5332

Deuteranopia

40.5968, 39.6571, 62.0148



Tritanopia

40.5027, 39.6703, 47.1174

Trichromacy



Original Color

43.5469, 39.5950, 62.4742

Protanomaly

41.0228, 39.5400, 65.1444

Deuteranomaly

41.5559, 39.6201, 61.9571

Tritanomaly

41.4184, 39.4958, 52.4542

Monochromacy



Original Color

43.5469, 39.5950, 62.4742

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

40.6019, 40.4452, 51.0142

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5469, 39.5950, 62.4742 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(186, 159, 204)` looks like.

```
.text, #text, p{  
    color:rgb(186, 159, 204)  
}
```

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(186, 159, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 159, 204) }
```

Border

The CSS property to change the border of an element to XYZ 43.5469, 39.5950, 62.4742 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(186, 159, 204) }
```


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

```
.border{ border-color:rgb(186, 159, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 159, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 159, 204); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 159, 204); box-shadow:4px 4px 4px 4px rgb(186, 159, 204) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5469, 39.5950, 62.4742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 159, 204) }
```

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

```
.background{ background-color: rgb(186,  
159, 204) }
```

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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