

Converting Colors

XYZ(43.4718, 39.7463, 62.5941)

Have a look what the booklet for
XYZ(43.4718, 39.7463, 62.5941)
contains.

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Color

**XYZ(43.4775, 39.8155,
62.5204)**

Conversions

Conversions Part 1

Format	Color
Hex	B9A0CC
RGB	185, 160, 204
RGB Percent	73%, 63%, 80%
CMY	0.2745, 0.3725, 0.2000
CMYK	0.09, 0.22, 0.00, 0.20
HSL	274°, 30%, 71%
HSV	274°, 22%, 80%
XYZ	43.4775, 39.8155, 62.5204
YIQ	172.4910, 0.7760, 18.9840

Conversions

Conversions Part 2

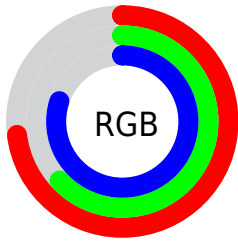
Format	Color
R _Y B	185, 160, 204
Decimal	12165324
CIE Lab	69.34, 17.42, -19.10
CIE LCh	69, 25.848, 312.363
Yxy	39.8155, 0.2982, 0.2731
Android (android.graphics.Color)	4290355404 (0xFFB9A0CC)
YUV	172.4910, 15.5339, 10.9704
Hunter-Lab	63.0995, 12.5678, -14.5762

Details

The XYZ color **43.4775, 39.8155, 62.5204** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **46.5297, 55.3085, 41.4827**, and the grayscale version is **39.3859, 41.4371, 45.1250**.

A 20% lighter version of the original color is **78.6261, 74.5216, 104.8478**, and **20.3833, 17.8327, 31.2219** is the 20% darker color. If you saturate the color by 10%, you get **38.1676, 32.2529, 61.3411**, and if you desaturate by 10%, it is **49.5019, 48.6099, 63.9010**.

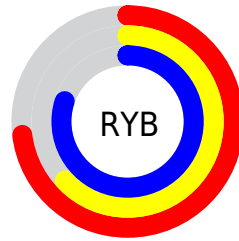
Distribution



Red (73%)

Green (63%)

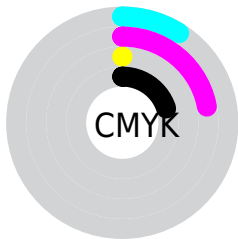
Blue (80%)



Red (73%)

Yellow (63%)

Blue (80%)

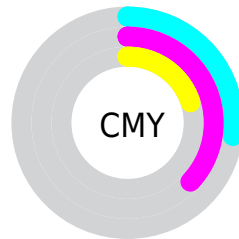


Cyan (9%)

Magenta (22%)

Yellow (0%)

Black (20%)



Cyan (27%)

Magenta (37%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.4775, 39.8155, 62.5204 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 43.4775, 39.8155, 62.5204 by changing the saturation by 10% instead.

■ 43.4775, 39.8155,
62.5204

■ 43.4775, 39.8155,
62.5204

351.4601,
345.3453, 451.8868

■ 30.4561, 27.3947,
45.0148

■ 79.6822, 74.8825,
110.0562

■ 20.3348, 17.8699,
31.1261

■ 103.5961, 98.2975,
140.9235

■ 12.7483, 10.8566,
20.4356

131.8716,
126.1460, 177.0817

■ 7.3313, 5.9705,
12.5249

164.8741,
158.8124, 218.9495

■ 3.7183, 2.8272,
6.9753

202.9688,
196.6812, 266.9454

■ 1.5440, 1.0422,
3.3685

246.5211,

■ 0.3555, 0.0000,

240.1367, 321.4879

1.2857

295.8965,
289.5632, 382.9955

■ 0.0000, 0.0000,
0.0500

■ 0.0000, 0.0000,
0.0000

■ 43.4775, 39.8155,
62.5204

■ 43.4775, 39.8155,
62.5204

■ 38.1676, 32.2529,
61.3411

■ 49.5019, 48.6099,
63.9010

■ 33.5378, 25.8592,
60.3511

■ 56.2656, 58.6850,
65.4892

■ 29.5562, 20.5737,
59.5407

■ 63.7969, 70.0929,
67.2942

■ 26.1868, 16.3277,
58.8987

■ 72.1213, 82.8816,
69.3239

23.3894, 13.0450,
58.4125

78.9877, 92.5457,
70.8274

21.1183, 10.6380,
58.0677

81.8713, 94.0322,
70.9623

19.3195, 9.0028,
57.8468

84.8996, 95.5933,
71.1040

18.0895, 8.0664,
57.7309

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.



39.5773, 39.8155, 69.7188



43.4775, 39.8155, 62.5204



45.9666, 39.8155, 50.6500

Triad

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



43.4775, 39.8155, 62.5204



40.3125, 39.8155, 25.0206



30.5734, 39.8155, 48.4302

Complementary

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



43.4775, 39.8155, 62.5204



46.5297, 55.3085, 41.4827

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.



30.7385, 39.8155, 36.7916



43.4775, 39.8155, 62.5204



36.1610, 39.8155, 24.6452

Square

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



43.4775, 39.8155, 62.5204



44.0495, 39.8155, 29.7077



32.7184, 39.8155, 28.5669



32.2495, 39.8155, 60.6417

Rectangle

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



43.4775, 39.8155, 62.5204



46.3871, 39.8155, 42.4173



32.7184, 39.8155, 28.5669



30.4191, 39.8155, 44.3010

Sweetspot

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



43.4787, 39.8172, 62.5213



87.9728, 89.3921, 107.2255



41.5312, 44.1017, 63.4509



18.6709, 18.8968, 22.9133



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.



43.4787, 39.8172, 62.5213



67.6633, 59.7149, 102.5676



48.0242, 42.2007, 60.9146



11.2016, 11.1532, 14.1328



11.4941, 5.1329, 36.3412



0.6789, 0.3091, 1.8788

Inverse Universe

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



45.6106, 41.2353, 48.2047



71.9405, 62.5532, 74.1532



42.6963, 53.3023, 42.6588



11.4101, 11.2928, 12.6941



16.8294, 8.5423, 6.8203



0.9060, 0.4558, 0.5510

Previews

White Background



This preview shows how the XYZ color 43.4775, 39.8155, 62.5204 looks on a white background.

Color Contrast Check

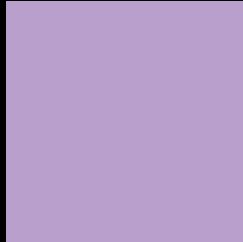
Large Text (above 18pt) WCAG AA × Fail

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 43.4775, 39.8155, 62.5204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

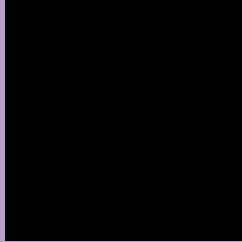
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.4775, 39.8155, 62.5204

Background



This preview shows how black text looks on a background with the XYZ color 43.4775, 39.8155, 62.5204.



This preview shows how white text looks on a background with the XYZ color 43.4775, 39.8155,

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

43.4775, 39.8155, 62.5204

Protanopia

40.0085, 40.0823, 65.9496

Deuteranopia

40.7779, 40.0192, 62.0752



Tritanopia

40.5471, 39.9484, 47.6932

Trichromacy



Original Color

43.4775, 39.8155, 62.5204

Protanomaly

41.0798, 39.8503, 64.5582

Deuteranomaly

41.7341, 39.9767, 62.0166

Tritanomaly

41.3582, 39.7273, 52.5020

Monochromacy



Original Color

43.4775, 39.8155, 62.5204

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

40.7858, 40.8131, 51.0755

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4775, 39.8155, 62.5204 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(185, 160, 204)` looks like.

```
.text, #text, p{  
    color:rgb(185, 160, 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(185, 160, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 160, 204) }
```

Border

The CSS property to change the border of an element to XYZ 43.4775, 39.8155, 62.5204 is called "border". The border property can be set on classes, ids or directly on the HTML element.

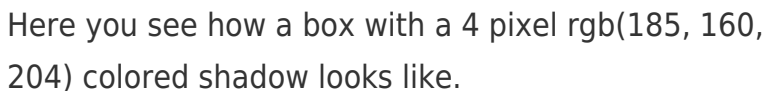
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 160, 204) }
```


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

```
.border{ border-color:rgb(185, 160, 204) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 160, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 160, 204); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 160, 204); box-shadow:4px 4px 4px 4px rgb(185, 160, 204) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4775, 39.8155, 62.5204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 160, 204) }
```

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

```
.background{ background-color: rgb(185,  
160, 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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