

Converting Colors

XYZ(44.4862, 39.5583, 49.5216)

Have a look what the booklet for
XYZ(44.4862, 39.5583, 49.5216)
contains.

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Color

**XYZ(44.4194, 39.5718,
49.5529)**

Conversions

Conversions Part 1

Format	Color
Hex	C99CB6
RGB	201, 156, 182
RGB Percent	79%, 61%, 71%
CMY	0.2118, 0.3882, 0.2863
CMYK	0.00, 0.22, 0.09, 0.21
HSL	325°, 29%, 70%
HSV	325°, 22%, 79%
XYZ	44.4194, 39.5718, 49.5529
YIQ	172.4190, 18.4740, 17.6260

Conversions

Conversions Part 2

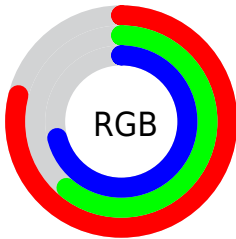
Format	Color
R _Y B	201, 156, 182
Decimal	13212854
CIE Lab	69.16, 20.93, -7.01
CIE LCh	69, 22.072, 341.495
Yxy	39.5718, 0.3326, 0.2963
Android (android.graphics.Color)	4291402934 (0xFFC99CB6)
YUV	172.4190, 4.7234, 25.0655
Hunter-Lab	62.9061, 15.9571, -2.6701

Details

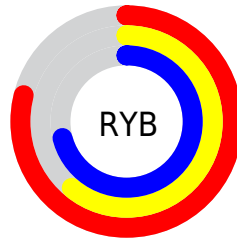
The XYZ color **44.4194, 39.5718, 49.5529** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **42.3364, 51.9376, 48.3535**, and the grayscale version is **39.3961, 41.4478, 45.1367**.

A 20% lighter version of the original color is **79.9669, 74.0216, 90.9618**, and **20.7668, 17.5966, 23.0708** is the 20% darker color. If you saturate the color by 10%, you get **40.4711, 33.0361, 44.0397**, and if you desaturate by 10%, it is **48.9813, 47.2485, 55.5338**.

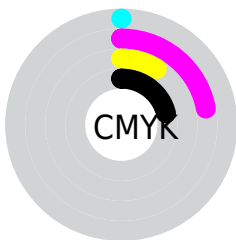
Distribution



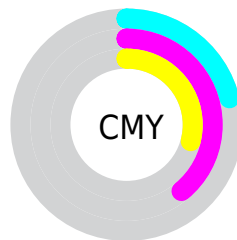
- Red (79%)
- Green (61%)
- Blue (71%)



- Red (79%)
- Yellow (61%)
- Blue (71%)



- Cyan (0%)
- Magenta (22%)
- Yellow (9%)
- Black (21%)





- Cyan (21%)
- Magenta (39%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.4194, 39.5718, 49.5529 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 44.4194, 39.5718, 49.5529 by changing the saturation by 10% instead.

 44.4194, 39.5718,
49.5529


 44.4194, 39.5718,
49.5529


355.2404,
344.3155, 401.5998

 31.1997, 27.2048,
34.6896


 81.0909, 74.5110,
90.9016

 20.9035, 17.7271,
23.1422

 105.2734, 97.8521,
118.2240

 13.1656, 10.7543,
14.4923


133.8409,
125.6200, 150.5365

 7.6204, 5.9018,
8.3212

167.1587,
158.1990, 188.2577

 3.9028, 2.7855,
4.2104

205.5922,
195.9737, 231.8061

 1.6473, 1.0208,
1.7415

249.5068,

 0.4229, 0.0000,

239.3285, 281.6002

0.3889

299.2677,
288.6476, 338.0586

■ 0.0000, 0.0000,
0.0000

■ 44.4194, 39.5718,
49.5529

■ 44.4194, 39.5718,
49.5529

■ 40.4711, 33.0361,
44.0397

■ 48.9813, 47.2485,
55.5338

■ 37.1045, 27.5809,
38.9778

■ 54.1799, 56.1124,
61.9933

■ 34.2901, 23.1481,
34.3529

■ 60.0410, 66.2135,
68.9449

■ 31.9943, 19.6719,
30.1490

■ 66.5882, 77.5974,
76.4006

■ 30.1795, 17.0788,
26.3485

■ 73.3618, 89.3433,
84.2115

■ 28.8026, 15.2844,
22.9319

■ 74.5451, 89.8166,
90.4426

■ 27.8123, 14.1877,
19.8768

■ 75.7867, 90.3133,
96.9809

■ 27.2475, 13.6816,
17.7663

■ 77.0875, 90.8336,
103.8306

■ 77.8977, 91.1577,
108.0973

Harmonies

Analogous

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



42.2884, 39.5718, 59.3408



44.4194, 39.5718, 49.5529



44.6597, 39.5718, 39.3297

Triad

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



44.4194, 39.5718, 49.5529



36.2759, 39.5718, 26.7133



32.7555, 39.5718, 57.2854

Complementary

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



44.4194, 39.5718, 49.5529



42.3364, 51.9376, 48.3535

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.



31.3474, 39.5718, 47.0762



44.4194, 39.5718, 49.5529



33.2934, 39.5718, 30.1104

Square

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



44.4194, 39.5718, 49.5529



39.8065, 39.5718, 27.1629



31.5379, 39.5718, 37.2095



35.4993, 39.5718, 64.2642

Rectangle

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



44.4194, 39.5718, 49.5529



43.6986, 39.5718, 33.7123



31.5379, 39.5718, 37.2095



32.1182, 39.5718, 54.0559

Sweetspot

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



44.4206, 39.5736, 49.5537



88.4276, 88.6593, 100.8228



40.0558, 37.0810, 60.3053



18.8106, 18.7780, 21.4354



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.



44.4206, 39.5736, 49.5537



72.5480, 61.9281, 80.0289



42.3006, 38.7256, 38.3904



10.8864, 10.7380, 12.3852



17.1785, 8.6210, 11.4160



0.8490, 0.4225, 0.7282

Inverse Universe

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



44.4206, 39.5736, 49.5537



72.5480, 61.9281, 80.0289



44.7050, 52.8850, 60.8262



10.8864, 10.7380, 12.3852



17.1785, 8.6210, 11.4160



0.8490, 0.4225, 0.7282

Previews

White Background



This preview shows how the XYZ color 44.4194, 39.5718, 49.5529 looks on a white background.

Color Contrast Check

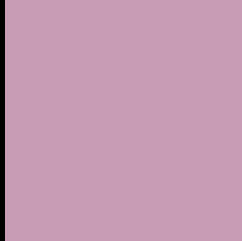
Large Text (above 18pt) WCAG AA × Fail

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 44.4194, 39.5718, 49.5529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

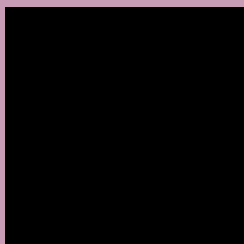
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.4194, 39.5718, 49.5529

Background



This preview shows how black text looks on a background with the XYZ color 44.4194, 39.5718, 49.5529.



This preview shows how white text looks on a background with the XYZ color 44.4194, 39.5718,

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

44.4194, 39.5718, 49.5529

Protanopia

38.9138, 39.7864, 53.7727

Deuteranopia

40.3361, 39.5495, 48.6879



Tritanopia

43.0357, 39.4981, 43.3859

Trichromacy



Original Color

44.4194, 39.5718, 49.5529

Protanomaly

40.7288, 39.6798, 51.9667

Deuteranomaly

41.8244, 39.5173, 49.1393

Tritanomaly

43.5164, 39.4493, 45.3653

Monochromacy



Original Color

44.4194, 39.5718, 49.5529

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

41.0011, 40.4743, 46.7256

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.4194, 39.5718, 49.5529 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(201, 156, 182)` looks like.

```
.text, #text, p{  
    color:rgb(201, 156, 182)  
}
```

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(201, 156, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 156, 182) }
```

Border

The CSS property to change the border of an element to XYZ 44.4194, 39.5718, 49.5529 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(201, 156, 182) }
```


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

```
.border{ border-color:rgb(201, 156, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 156, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 156, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 156, 182); box-shadow:4px 4px 4px 4px rgb(201, 156, 182) }
```

Background

The CSS property to change the background color of an element to XYZ 44.4194, 39.5718, 49.5529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 156, 182) }
```

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

```
.background{ background-color: rgb(201,  
156, 182) }
```

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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