

Converting Colors

XYZ(44.8600, 39.8320, 51.9881)

Have a look what the booklet for
XYZ(44.8600, 39.8320, 51.9881)
contains.

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Color

**XYZ(44.8388, 39.7396,
51.7616)**

Conversions

Conversions Part 1

Format	Color
Hex	C99CBA
RGB	201, 156, 186
RGB Percent	79%, 61%, 73%
CMY	0.2118, 0.3882, 0.2706
CMYK	0.00, 0.22, 0.07, 0.21
HSL	320°, 29%, 70%
HSV	320°, 22%, 79%
XYZ	44.8388, 39.7396, 51.7616
YIQ	172.8750, 17.1900, 18.8700

Conversions

Conversions Part 2

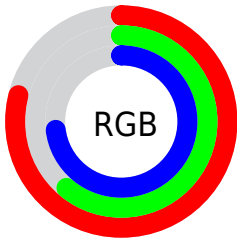
Format	Color
R _Y B	201, 156, 186
Decimal	13212858
CIE Lab	69.28, 21.63, -9.05
CIE LCh	69, 23.447, 337.294
Yxy	39.7396, 0.3289, 0.2915
Android (android.graphics.Color)	4291402938 (0xFFC99CBA)
YUV	172.8750, 6.4706, 24.6656
Hunter-Lab	63.0394, 16.6451, -4.5555

Details

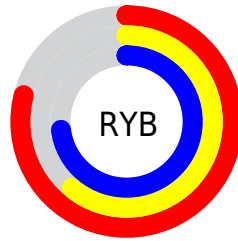
The XYZ color **44.8388, 39.7396, 51.7616** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **41.9492, 51.7826, 46.3146**, and the grayscale version is **39.6197, 41.6830, 45.3928**.

A 20% lighter version of the original color is **80.5613, 74.2593, 94.0918**, and **21.0380, 17.7051, 24.4989** is the 20% darker color. If you saturate the color by 10%, you get **41.0455, 33.2659, 47.0649**, and if you desaturate by 10%, it is **49.2260, 47.3464, 56.8220**.

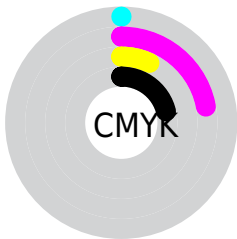
Distribution



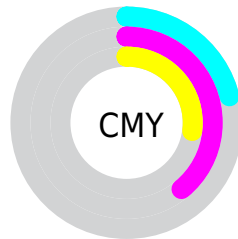
- Red (79%)
- Green (61%)
- Blue (73%)



- Red (79%)
- Yellow (61%)
- Blue (73%)



- Cyan (0%)
- Magenta (22%)
- Yellow (7%)
- Black (21%)





- Cyan (21%)
- Magenta (39%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.8388, 39.7396, 51.7616 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 44.8388, 39.7396, 51.7616 by changing the saturation by 10% instead.


 44.8388, 39.7396,
51.7616


 44.8388, 39.7396,
51.7616


356.9150,
345.0248, 410.4463

 31.5312, 27.3356,
36.4342


 81.7170, 74.7668,
94.2026

 21.1575, 17.8254,
24.4773


 106.0184, 98.1588,
122.1531

 13.3523, 10.8247,
15.4726


134.7150,
125.9822, 155.1485

 7.7502, 5.9491,
9.0015

168.1723,
158.6215, 193.6072

 3.9860, 2.8141,
4.6453

206.7556,
196.4610, 237.9478

 1.6942, 1.0355,
1.9856

250.8302,

 0.4527, 0.0000,

239.8851, 288.5889

0.5464

300.7616,
289.2782, 345.9488

■ 0.0000, 0.0000,
0.0000

■ 44.8388, 39.7396,
51.7616

■ 44.8388, 39.7396,
51.7616

■ 41.0455, 33.2659,
47.0649

■ 49.2260, 47.3464,
56.8220

■ 37.8147, 27.8651,
42.7178

■ 54.2294, 56.1322,
62.2544

■ 35.1173, 23.4790,
38.7089

■ 59.8749, 66.1471,
68.0700

■ 32.9202, 20.0423,
35.0247

■ 66.1852, 77.4362,
74.2784

■ 31.1863, 17.4815,
31.6506

■ 72.7004, 89.0787,
80.7285

■ 29.8732, 15.7127,
28.5698

■ 73.6033, 89.4399,
85.4832

■ 28.9301, 14.6349,
25.7631

■ 74.5422, 89.8154,
90.4273

■ 28.3904, 14.1387,
23.7851

■ 75.5174, 90.2055,
95.5628

■ 76.5294, 90.6103,
100.8918

Harmonies

Analogous

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



42.3220, 39.7396, 61.9141



44.8388, 39.7396, 51.7616



45.4036, 39.7396, 40.6945

Triad

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



44.8388, 39.7396, 51.7616



36.8611, 39.7396, 25.8141



32.3083, 39.7396, 57.0624

Complementary

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



44.8388, 39.7396, 51.7616



41.9492, 51.7826, 46.3146

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.



31.0462, 39.7396, 45.9513



44.8388, 39.7396, 51.7616



33.5591, 39.7396, 28.8031

Square

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



44.8388, 39.7396, 51.7616



40.6304, 39.7396, 26.8457



31.4884, 39.7396, 35.7613



35.0495, 39.7396, 65.3115

Rectangle

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



44.8388, 39.7396, 51.7616



44.5652, 39.7396, 34.4550



31.4884, 39.7396, 35.7613



31.7055, 39.7396, 53.4725

Sweetspot

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



44.8400, 39.7414, 51.7624



88.6742, 88.7579, 102.1214



39.2273, 36.6539, 60.2664



18.8678, 18.8009, 21.7364



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.



44.8400, 39.7414, 51.7624



73.4028, 62.2700, 84.5302



42.6331, 38.8586, 40.1410



10.9270, 10.7542, 12.5987



17.8945, 8.9074, 15.1864



0.8799, 0.4348, 0.8908

Inverse Universe

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



44.8400, 39.7414, 51.7624



73.4028, 62.2700, 84.5302



44.2798, 52.7149, 58.5872



10.9270, 10.7542, 12.5987



17.8945, 8.9074, 15.1864



0.8799, 0.4348, 0.8908

Previews

White Background



This preview shows how the XYZ color 44.8388, 39.7396, 51.7616 looks on a white background.

Color Contrast Check

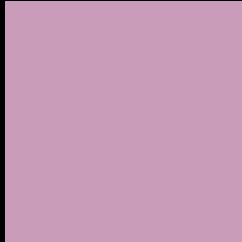
Large Text (above 18pt) WCAG AA × Fail

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 44.8388, 39.7396, 51.7616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

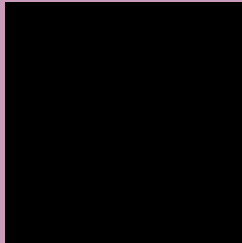
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.8388, 39.7396, 51.7616

Background



This preview shows how black text looks on a background with the XYZ color 44.8388, 39.7396, 51.7616.



This preview shows how white text looks on a background with the XYZ color 44.8388, 39.7396,

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

44.8388, 39.7396, 51.7616

Protanopia

39.2573, 39.8996, 56.6713

Deuteranopia

40.6973, 39.9547, 50.9144



Tritanopia

43.3020, 39.8787, 43.9432

Trichromacy



Original Color

44.8388, 39.7396, 51.7616

Protanomaly

41.0395, 39.7775, 54.8050

Deuteranomaly

42.1708, 39.9082, 51.3794

Tritanomaly

43.8828, 39.8677, 46.4567

Monochromacy



Original Color

44.8388, 39.7396, 51.7616

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

41.3830, 40.9191, 47.8365

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.8388, 39.7396, 51.7616 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, 186)` looks like.

```
.text, #text, p{  
    color:rgb(201, 156, 186)  
}
```

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, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 156, 186) }
```

Border

The CSS property to change the border of an element to XYZ 44.8388, 39.7396, 51.7616 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, 186) }
```


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

```
.border{ border-color:rgb(201, 156, 186) }
```

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, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 156, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 156, 186);  
box-shadow:4px 4px 4px 4px rgb(201, 156,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 44.8388, 39.7396, 51.7616 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, 186) }
```

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

```
.background{ background-color: rgb(201,  
156, 186) }
```

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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