

Converting Colors

XYZ(44.6749, 40.0110, 51.6843)

Have a look what the booklet for
XYZ(44.6749, 40.0110, 51.6843)
contains.

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Color

**XYZ(44.7393, 39.9385,
51.8053)**

Conversions

Conversions Part 1

Format	Color
Hex	C89DBA
RGB	200, 157, 186
RGB Percent	78%, 62%, 73%
CMY	0.2157, 0.3843, 0.2706
CMYK	0.00, 0.21, 0.07, 0.22
HSL	320°, 28%, 70%
HSV	320°, 21%, 78%
XYZ	44.7393, 39.9385, 51.8053
YIQ	173.1630, 16.3190, 18.1350

Conversions

Conversions Part 2

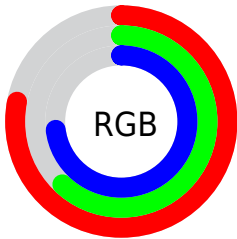
Format	Color
R _Y B	200, 157, 186
Decimal	13147578
CIE Lab	69.43, 20.73, -8.85
CIE LCh	69, 22.540, 336.882
Yxy	39.9385, 0.3278, 0.2926
Android (android.graphics.Color)	4291337658 (0xFFC89DBA)
YUV	173.1630, 6.3286, 23.5360
Hunter-Lab	63.1969, 15.7718, -4.3648

Details

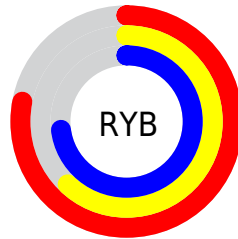
The XYZ color **44.7393, 39.9385, 51.8053** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **41.9112, 51.4180, 46.2461**, and the grayscale version is **39.7675, 41.8385, 45.5621**.

A 20% lighter version of the original color is **80.8105, 74.7578, 94.1749**, and **21.1393, 17.9076, 24.5327** is the 20% darker color. If you saturate the color by 10%, you get **40.9522, 33.4466, 47.2050**, and if you desaturate by 10%, it is **49.1142, 47.5543, 56.7581**.

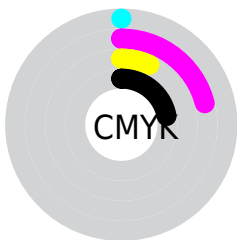
Distribution



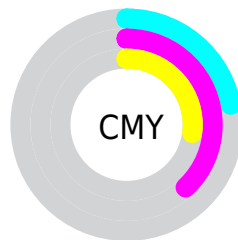
- Red (78%)
- Green (62%)
- Blue (73%)



- Red (78%)
- Yellow (62%)
- Blue (73%)



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





- Cyan (22%)
- Magenta (38%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.7393, 39.9385, 51.8053 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 44.7393, 39.9385, 51.8053 by changing the saturation by 10% instead.


 44.7393, 39.9385,
51.8053

 44.7393, 39.9385,
51.8053


356.5182,
345.8643, 410.6200

 31.4525, 27.4906,
36.4687


 81.5685, 75.0699,
94.2677

 21.0972, 17.9420,
24.5039


 105.8417, 98.5221,
122.2306

 13.3079, 10.9084,
15.4922


134.5078,
126.4112, 155.2394

 7.7194, 6.0052,
9.0151

167.9320,
159.1217, 193.7125

 3.9662, 2.8483,
4.6541

206.4798,
197.0378, 238.0686

 1.6830, 1.0530,
1.9906

250.5165,

 0.4456, 0.0000,

240.5440, 288.7262

0.5495

300.4075,
290.0247, 346.1039

■ 0.0000, 0.0000,
0.0000

■ 44.7393, 39.9385,
51.8053

■ 44.7393, 39.9385,
51.8053

■ 40.9522, 33.4466,
47.2050

■ 49.1142, 47.5543,
56.7581

■ 37.7221, 28.0194,
42.9435

■ 54.0988, 56.3390,
62.0715

■ 35.0204, 23.6000,
39.0097

■ 59.7183, 66.3416,
67.7561

■ 32.8148, 20.1243,
35.3908

■ 65.9953, 77.6068,
73.8215

■ 31.0692, 17.5207,
32.0723

■ 72.3082, 88.8909,
80.0624

■ 29.7422, 15.7072,
29.0384

■ 73.1803, 89.2398,
84.6551

■ 28.7845, 14.5863,
26.2704

■ 74.0864, 89.6022,
89.4262

■ 28.1843, 14.0254,
24.0989

■ 75.0267, 89.9783,
94.3778

■ 76.0016, 90.3683,
99.5118

Harmonies

Analogous

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



42.2997, 39.9385, 61.4899



44.7393, 39.9385, 51.8053



45.3103, 39.9385, 41.1376

Triad

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



44.7393, 39.9385, 51.8053



37.1312, 39.9385, 26.5244



32.6529, 39.9385, 56.6025

Complementary

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



44.7393, 39.9385, 51.8053



41.9112, 51.4180, 46.2461

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.



31.4516, 39.9385, 45.9226



44.7393, 39.9385, 51.8053



33.9284, 39.9385, 29.3921

Square

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



44.7393, 39.9385, 51.8053



40.7637, 39.9385, 27.5879



31.9033, 39.9385, 36.1091



35.2886, 39.9385, 64.5530

Rectangle

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



44.7393, 39.9385, 51.8053



44.5238, 39.9385, 35.0694



31.9033, 39.9385, 36.1091



32.0759, 39.9385, 53.1523

Sweetspot

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



44.7405, 39.9403, 51.8061



89.5700, 90.3070, 103.1676



39.1952, 36.9011, 59.7009



19.0492, 19.1135, 21.9516



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.



44.7405, 39.9403, 51.8061



74.1401, 63.4330, 85.7362



42.6587, 39.1076, 40.8438



10.9305, 10.7556, 12.6175



17.9630, 8.9348, 15.5471



0.8828, 0.4360, 0.9059

Inverse Universe

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



44.7405, 39.9403, 51.8061



74.1401, 63.4330, 85.7362



44.0876, 52.2885, 57.7069



10.9305, 10.7556, 12.6175



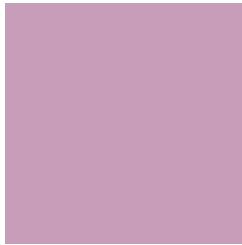
17.9630, 8.9348, 15.5471



0.8828, 0.4360, 0.9059

Previews

White Background



This preview shows how the XYZ color 44.7393, 39.9385, 51.8053 looks on a white background.

Color Contrast Check

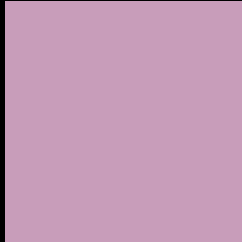
Large Text (above 18pt) WCAG AA × Fail

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 44.7393, 39.9385, 51.8053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

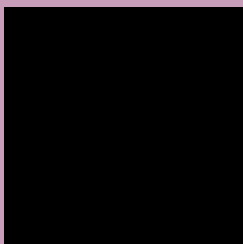
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.7393, 39.9385, 51.8053

Background



This preview shows how black text looks on a background with the XYZ color 44.7393, 39.9385, 51.8053.



This preview shows how white text looks on a background with the XYZ color 44.7393, 39.9385,

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

44.7393, 39.9385, 51.8053

Protanopia

39.3542, 39.9625, 56.0914

Deuteranopia

40.9293, 40.0743, 50.9253



Tritanopia

43.1332, 39.7806, 44.4348

Trichromacy



Original Color

44.7393, 39.9385, 51.8053

Protanomaly

40.9298, 39.7336, 54.2273

Deuteranomaly

42.1708, 39.9082, 51.3794

Tritanomaly

43.7159, 39.7702, 46.9673

Monochromacy



Original Color

44.7393, 39.9385, 51.8053

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 44.7393, 39.9385, 51.8053 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(200, 157, 186)` looks like.

```
.text, #text, p{  
    color:rgb(200, 157, 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(200, 157, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 157, 186) }
```

Border

The CSS property to change the border of an element to XYZ 44.7393, 39.9385, 51.8053 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(200, 157, 186) }
```


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

```
.border{ border-color:rgb(200, 157, 186) }
```

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

Here you see how a box with a 4 pixel rgb(200, 157, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 157, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 157, 186);  
box-shadow:4px 4px 4px 4px rgb(200, 157,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 44.7393, 39.9385, 51.8053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 157, 186) }
```

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

```
.background{ background-color: rgb(200,  
157, 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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