

Converting Colors

XYZ(45.5244, 39.1374, 58.2739)

Have a look what the booklet for
XYZ(45.5244, 39.1374, 58.2739)
contains.

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Color

**XYZ(45.5567, 39.2312,
57.9946)**

Conversions

Conversions Part 1

Format	Color
Hex	C999C5
RGB	201, 153, 197
RGB Percent	79%, 60%, 77%
CMY	0.2118, 0.4000, 0.2274
CMYK	0.00, 0.24, 0.02, 0.21
HSL	305°, 31%, 69%
HSV	305°, 24%, 79%
XYZ	45.5567, 39.2312, 57.9946
YIQ	172.3680, 14.4840, 23.8600

Conversions

Conversions Part 2

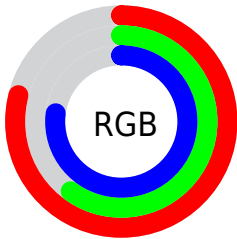
Format	Color
R_{YB}	201, 153, 197
Decimal	13212101
CIE _{Lab}	68.92, 25.27, -15.71
CIE _{LCh}	69, 29.756, 328.132
Yxy	39.2312, 0.3191, 0.2748
Android (android.graphics.Color)	4291402181 (0xFFC999C5)
YUV	172.3680, 12.1436, 25.1103
Hunter-Lab	62.6348, 20.2190, -11.0532

Details

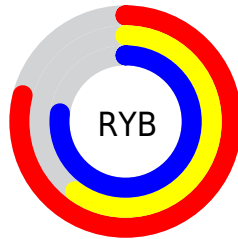
The XYZ color **45.5567, 39.2312, 57.9946** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **40.1109, 50.9812, 39.6268**, and the grayscale version is **39.3353, 41.3838, 45.0670**.

A 20% lighter version of the original color is **81.6853, 73.5275, 103.6529**, and **21.4657, 17.4015, 28.2141** is the 20% darker color. If you saturate the color by 10%, you get **42.3494, 33.1215, 55.9840**, and if you desaturate by 10%, it is **49.3227, 46.4535, 60.2028**.

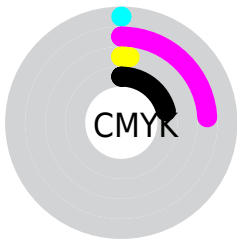
Distribution



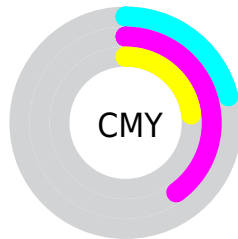
- Red (79%)
- Green (60%)
- Blue (77%)



- Red (79%)
- Yellow (60%)
- Blue (77%)



- Cyan (0%)
- Magenta (24%)
- Yellow (2%)
- Black (21%)




- Cyan (21%)
- Magenta (40%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.5567, 39.2312, 57.9946 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 45.5567, 39.2312, 57.9946 by changing the saturation by 10% instead.


 45.5567, 39.2312,
57.9946


 45.5567, 39.2312,
57.9946


359.7694,
342.8725, 434.7635

 32.0993, 26.9396,
41.3896


 82.7871, 73.9914,
103.4297

 21.5933, 17.5279,
28.3017


 107.2908, 97.2288,
133.0969

 13.6733, 10.6116,
18.3122


136.2073,
124.8836, 167.9553

 7.9739, 5.8063,
11.0026

169.9020,
157.3402, 208.4234

 4.1299, 2.7277,
5.9544

208.7402,
194.9830, 254.9197

 1.7759, 0.9913,
2.7490

253.0873,

 0.5031, 0.0000,

238.1964, 307.8628

0.9680

303.3086,
287.3647, 367.6712

■ 0.0000, 0.0000,
0.0000

■ 45.5567, 39.2312,
57.9946

■ 45.5567, 39.2312,
57.9946

■ 42.3494, 33.1215,
55.9840

■ 49.3227, 46.4535,
60.2028

■ 39.6694, 28.0637,
54.1593

■ 53.6695, 54.8349,
62.6147

■ 37.4879, 23.9992,
52.5112

■ 58.6227, 64.4253,
65.2394

■ 35.7714, 20.8617,
51.0285

■ 64.2049, 75.2705,
68.0843

■ 34.4829, 18.5767,
49.6989

■ 70.4378, 87.4137,
71.1569

■ 33.5794, 17.0583,
48.5079

■ 71.1167, 88.4453,
72.3887

■ 33.0088, 16.2024,
47.4383

■ 71.3227, 88.5277,
73.4737

■ 32.7656, 15.8888,
46.8239

■ 71.5310, 88.6110,
74.5701

■ 71.7414, 88.6951,
75.6781

Harmonies

Analogous

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



41.7424, 39.2312, 70.0457



45.5567, 39.2312, 57.9946



47.1356, 39.2312, 43.5706

Triad

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



45.5567, 39.2312, 57.9946



37.5853, 39.2312, 21.6152



29.8297, 39.2312, 56.2105

Complementary

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



45.5567, 39.2312, 57.9946



40.1109, 50.9812, 39.6268

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.



28.9175, 39.2312, 41.8728



45.5567, 39.2312, 57.9946



33.1625, 39.2312, 23.6191

Square

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



45.5567, 39.2312, 57.9946



42.2983, 39.2312, 24.1956



30.0859, 39.2312, 30.3884



32.6900, 39.2312, 68.8719

Rectangle

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



45.5567, 39.2312, 57.9946



46.6152, 39.2312, 35.1127



30.0859, 39.2312, 30.3884



29.2963, 39.2312, 51.3448

Sweetspot

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



45.5579, 39.2329, 57.9954



89.3790, 89.0398, 105.8325



35.8402, 34.1696, 59.9656



19.0313, 18.8663, 22.5977



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.



45.5579, 39.2329, 57.9954



74.8474, 61.1574, 97.3485



43.0229, 38.2189, 44.6462



11.0435, 10.8008, 13.2123



20.6179, 9.9967, 29.5275



0.9878, 0.4780, 1.4589

Inverse Universe

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



45.5579, 39.2329, 57.9954



74.8474, 61.1574, 97.3485



42.3655, 51.8830, 51.4990



11.0435, 10.8008, 13.2123



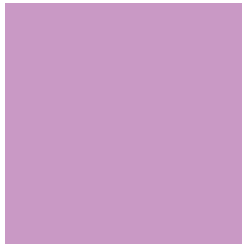
20.6179, 9.9967, 29.5275



0.9878, 0.4780, 1.4589

Previews

White Background



This preview shows how the XYZ color 45.5567, 39.2312, 57.9946 looks on a white background.

Color Contrast Check

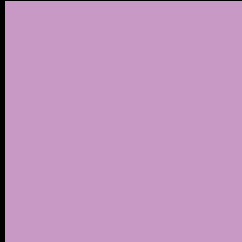
Large Text (above 18pt) WCAG AA × Fail

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 45.5567, 39.2312, 57.9946 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

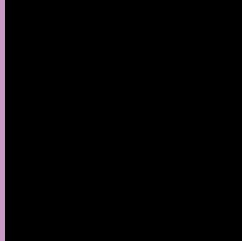
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.5567, 39.2312, 57.9946

Background



This preview shows how black text looks on a background with the XYZ color 45.5567, 39.2312, 57.9946.



This preview shows how white text looks on a background with the XYZ color 45.5567, 39.2312,

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

45.5567, 39.2312, 57.9946

Protanopia

39.2574, 39.4646, 63.9409

Deuteranopia

40.1390, 39.2617, 57.0925



Tritanopia

42.5085, 39.2263, 43.3612

Trichromacy



Original Color

45.5567, 39.2312, 57.9946

Protanomaly

41.1554, 39.1511, 61.8877

Deuteranomaly

42.0631, 39.1944, 57.5729

Tritanomaly

43.4154, 39.0780, 48.4346

Monochromacy



Original Color

45.5567, 39.2312, 57.9946

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

41.3241, 40.3137, 49.3194

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.5567, 39.2312, 57.9946 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, 153, 197)` looks like.

```
.text, #text, p{  
    color:rgb(201, 153, 197)  
}
```

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, 153, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 153, 197) }
```

Border

The CSS property to change the border of an element to XYZ 45.5567, 39.2312, 57.9946 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, 153, 197) }
```


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

```
.border{ border-color:rgb(201, 153, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 153, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 153, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 153, 197);  
box-shadow:4px 4px 4px 4px rgb(201, 153,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 45.5567, 39.2312, 57.9946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 153, 197) }
```

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

```
.background{ background-color: rgb(201,  
153, 197) }
```

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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