

Converting Colors

XYZ(45.5982, 39.9173, 55.4523)

Have a look what the booklet for
XYZ(45.5982, 39.9173, 55.4523)
contains.

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Color

**XYZ(45.5929, 39.8050,
55.1493)**

Conversions

Conversions Part 1

Format	Color
Hex	CA9BC0
RGB	202, 155, 192
RGB Percent	79%, 61%, 75%
CMY	0.2078, 0.3921, 0.2471
CMYK	0.00, 0.23, 0.05, 0.21
HSL	313°, 31%, 70%
HSV	313°, 23%, 79%
XYZ	45.5929, 39.8050, 55.1493
YIQ	173.2710, 16.1350, 21.4710

Conversions

Conversions Part 2

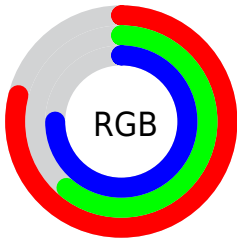
Format	Color
R _{YB}	202, 155, 192
Decimal	13278144
CIE Lab	69.33, 23.60, -12.30
CIE LCh	69, 26.613, 332.463
Yxy	39.8050, 0.3244, 0.2832
Android (android.graphics.Color)	4291468224 (0xFFCA9BC0)
YUV	173.2710, 9.2334, 25.1953
Hunter-Lab	63.0912, 18.5835, -7.6627

Details

The XYZ color **45.5929, 39.8050, 55.1493** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **41.4312, 51.9274, 43.4389**, and the grayscale version is **39.8083, 41.8814, 45.6089**.

A 20% lighter version of the original color is **81.2299, 74.1305, 98.8343**, and **21.5431, 17.7676, 26.7201** is the 20% darker color. If you saturate the color by 10%, you get **42.0392, 33.4482, 51.6495**, and if you desaturate by 10%, it is **49.7252, 47.2956, 58.9115**.

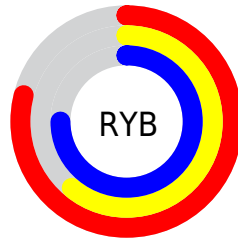
Distribution



Red (79%)

Green (61%)

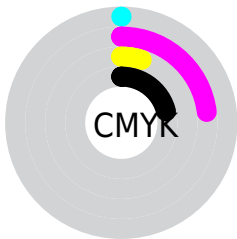
Blue (75%)



Red (79%)

Yellow (61%)

Blue (75%)

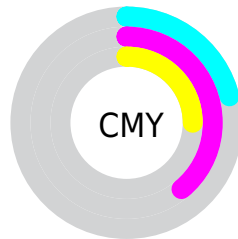


Cyan (0%)

Magenta (23%)

Yellow (5%)

Black (21%)



Cyan (21%)


Magenta (39%)


Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.5929, 39.8050, 55.1493 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 45.5929, 39.8050, 55.1493 by changing the saturation by 10% instead.


 45.5929, 39.8050,
55.1493

 45.5929, 39.8050,
55.1493


359.9130,
345.3010, 423.7755

 32.1280, 27.3865,
39.1219


 82.8410, 74.8665,
99.2330

 21.6153, 17.8637,
26.5460


 107.3549, 98.2783,
128.1264

 13.6895, 10.8522,
17.0031


136.2824,
126.1233, 162.1454

 7.9853, 5.9675,
10.0747

169.9890,
158.7860, 201.7088

 4.1373, 2.8254,
5.3423

208.8400,
196.6507, 247.2349

 1.7801, 1.0412,
2.3872

253.2008,

 0.5056, 0.0000,

240.1019, 299.1424

0.7795

303.4367,
289.5238, 357.8497

■ 0.0000, 0.0000,
0.0000

■ 45.5929, 39.8050,
55.1493

■ 45.5929, 39.8050,
55.1493

■ 42.0392, 33.4482,
51.6495

■ 49.7252, 47.2956,
58.9115

■ 39.0326, 28.1639,
48.3997

■ 54.4587, 55.9667,
62.9428

■ 36.5436, 23.8932,
45.3899

■ 59.8191, 65.8690,
67.2529

■ 34.5389, 20.5692,
42.6084

■ 65.8295, 77.0485,
71.8500

■ 32.9808, 18.1170,
40.0420

■ 72.1903, 88.9059,
76.6347

■ 31.8262, 16.4505,
37.6759

■ 72.7450, 89.1277,
79.5555

■ 31.0230, 15.4658,
35.4919

■ 73.3142, 89.3554,
82.5531

■ 30.6170, 15.0606,
34.1024

■ 73.8981, 89.5890,
85.6281

■ 74.4969, 89.8285,
88.7810

Harmonies

Analogous

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



42.4151, 39.8050, 66.3686



45.5929, 39.8050, 55.1493



46.6459, 39.8050, 42.3378

Triad

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



45.5929, 39.8050, 55.1493



37.4816, 39.8050, 23.8334



31.3187, 39.8050, 57.2311

Complementary

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



45.5929, 39.8050, 55.1493



41.4312, 51.9274, 43.4389

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.



30.2073, 39.8050, 44.3597



45.5929, 39.8050, 55.1493



33.5943, 39.8050, 26.3708

Square

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



45.5929, 39.8050, 55.1493



41.7587, 39.8050, 25.6516



31.0085, 39.8050, 33.3512



34.1623, 39.8050, 67.7207

Rectangle

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



45.5929, 39.8050, 55.1493



45.9417, 39.8050, 34.9608



31.0085, 39.8050, 33.3512



30.7402, 39.8050, 52.9633

Sweetspot

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



45.5941, 39.8068, 55.1501



89.0121, 88.8930, 103.9003



37.7763, 35.6441, 60.7668



18.9461, 18.8322, 22.1490



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.



45.5941, 39.8068, 55.1501



73.9970, 61.6548, 90.2884



43.2507, 38.8694, 42.8101



11.5813, 11.3613, 13.5959



19.7351, 9.7046, 22.1217



1.0443, 0.5111, 1.2794

Inverse Universe

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



45.5941, 39.8068, 55.1501



73.9970, 61.6548, 90.2884



43.7058, 52.8373, 55.4168



11.5813, 11.3613, 13.5959



19.7351, 9.7046, 22.1217



1.0443, 0.5111, 1.2794

Previews

White Background



This preview shows how the XYZ color 45.5929, 39.8050, 55.1493 looks on a white background.

Color Contrast Check

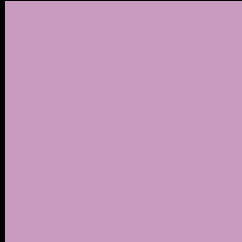
Large Text (above 18pt) WCAG AA × Fail

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 45.5929, 39.8050, 55.1493 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

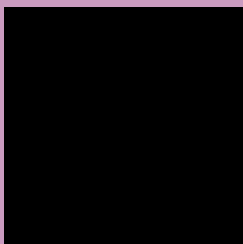
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.5929, 39.8050, 55.1493

Background



This preview shows how black text looks on a background with the XYZ color 45.5929, 39.8050, 55.1493.



This preview shows how white text looks on a background with the XYZ color 45.5929, 39.8050,

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

45.5929, 39.8050, 55.1493

Protanopia

39.6495, 40.0088, 60.8911

Deuteranopia

40.6539, 39.8581, 54.2659



Tritanopia

43.3020, 39.8787, 43.9432

Trichromacy



Original Color

45.5929, 39.8050, 55.1493

Protanomaly

41.4217, 39.6187, 58.8901

Deuteranomaly

42.1564, 39.5656, 54.7053

Tritanomaly

44.1830, 39.9878, 48.0375

Monochromacy



Original Color

45.5929, 39.8050, 55.1493

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

41.6416, 40.7581, 48.8524

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.5929, 39.8050, 55.1493 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(202, 155, 192)` looks like.

```
.text, #text, p{  
    color:rgb(202, 155, 192)  
}
```

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(202, 155, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 155, 192) }
```

Border

The CSS property to change the border of an element to XYZ 45.5929, 39.8050, 55.1493 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(202, 155, 192) }
```


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

```
.border{ border-color:rgb(202, 155, 192) }
```

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

Here you see how a box with a 4 pixel rgb(202, 155, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 155, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 155, 192);  
box-shadow:4px 4px 4px 4px rgb(202, 155,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 45.5929, 39.8050, 55.1493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 155, 192) }
```

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

```
.background{ background-color: rgb(202,  
155, 192) }
```

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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