

Converting Colors

XYZ(45.0530, 39.8253, 52.8895)

Have a look what the booklet for
XYZ(45.0530, 39.8253, 52.8895)
contains.

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Color

**XYZ(45.0530, 39.8253,
52.8895)**

Conversions

Conversions Part 1

Format	Color
Hex	C99CBC
RGB	201, 156, 188
RGB Percent	79%, 61%, 74%
CMY	0.2118, 0.3882, 0.2627
CMYK	0.00, 0.22, 0.06, 0.21
HSL	317°, 29%, 70%
HSV	317°, 22%, 79%
XYZ	45.0530, 39.8253, 52.8895
YIQ	173.1030, 16.5480, 19.4920

Conversions

Conversions Part 2

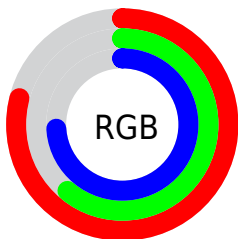
Format	Color
R _Y B	201, 156, 188
Decimal	13212860
CIE Lab	69.34, 21.98, -10.07
CIE LCh	69, 24.182, 335.389
Yxy	39.8253, 0.3270, 0.2891
Android (android.graphics.Color)	4291402940 (0xFFC99CBC)
YUV	173.1030, 7.3442, 24.4657
Hunter-Lab	63.1073, 16.9954, -5.5152

Details

The XYZ color **45.0530, 39.8253, 52.8895** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **41.7600, 51.7070, 45.3179**, and the grayscale version is **39.7318, 41.8010, 45.5213**.

A 20% lighter version of the original color is **80.8634, 74.3802, 95.6828**, and **21.1775, 17.7609, 25.2337** is the 20% darker color. If you saturate the color by 10%, you get **41.3420, 33.3845, 48.6260**, and if you desaturate by 10%, it is **49.3497, 47.3959, 57.4734**.

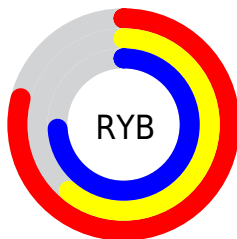
Distribution



Red (79%)

Green (61%)

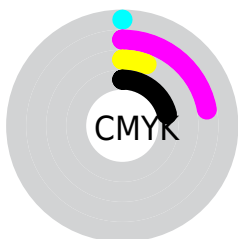
Blue (74%)



Red (79%)

Yellow (61%)

Blue (74%)

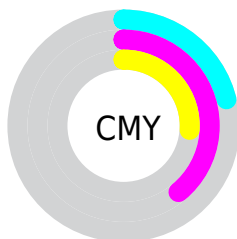


Cyan (0%)

Magenta (22%)

Yellow (6%)

Black (21%)



Cyan (21%)


Magenta (39%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.0530, 39.8253, 52.8895 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 45.0530, 39.8253, 52.8895 by changing the saturation by 10% instead.


 45.0530, 39.8253,
52.8895

 45.0530, 39.8253,
52.8895


357.7683,
345.3867, 414.9153

 31.7006, 27.4024,
37.3274


 82.0365, 74.8974,
95.8816

 21.2874, 17.8756,
25.1633


 106.3984, 98.3154,
124.1488

 13.4479, 10.8607,
15.9787


135.1608,
126.1671, 157.4881

 7.8168, 5.9733,
9.3549

168.6890,
158.8371, 196.3181

 4.0288, 2.8288,
4.8734

207.3486,
196.7096, 241.0572

 1.7184, 1.0430,
2.1157

251.5047,

 0.4678, 0.0000,

240.1691, 292.1241

0.6251

301.5228,
289.6000, 349.9373

■ 0.0000, 0.0000,
0.0000

■ 45.0530, 39.8253,
52.8895

■ 45.0530, 39.8253,
52.8895

■ 41.3420, 33.3845,
48.6260

■ 49.3497, 47.3959,
57.4734

■ 38.1854, 28.0133,
44.6697

■ 54.2543, 56.1422,
62.3853

■ 35.5543, 23.6538,
41.0100

■ 59.7923, 66.1141,
67.6354

■ 33.4158, 20.2405,
37.6344

■ 65.9867, 77.3568,
73.2327

■ 31.7329, 17.7002,
34.5290

■ 72.3769, 88.9493,
79.0252

■ 30.4635, 15.9488,
31.6782

■ 73.1460, 89.2570,
83.0751

■ 29.5569, 14.8856,
29.0637

■ 73.9419, 89.5754,
87.2664

■ 29.0403, 14.3987,
27.2071

■ 74.7650, 89.9046,
91.6006

■ 75.6154, 90.2447,
96.0789

Harmonies

Analogous

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



42.3424, 39.8253, 63.2308



45.0530, 39.8253, 52.8895



45.7815, 39.8253, 41.3861

Triad

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



45.0530, 39.8253, 52.8895



37.1561, 39.8253, 25.3714



32.0875, 39.8253, 56.9593

Complementary

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



45.0530, 39.8253, 52.8895



41.7600, 51.7070, 45.3179

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.



30.8968, 39.8253, 45.4018



45.0530, 39.8253, 52.8895



33.6923, 39.8253, 28.1651

Square

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



45.0530, 39.8253, 52.8895



41.0474, 39.8253, 26.6860



31.4637, 39.8253, 35.0551



34.8283, 39.8253, 65.8478

Rectangle

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



45.0530, 39.8253, 52.8895



45.0050, 39.8253, 34.8275



31.4637, 39.8253, 35.0551



31.5015, 39.8253, 53.1901

Sweetspot

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



45.0542, 39.8271, 52.8903



88.7983, 88.8075, 102.7748



38.7414, 36.4034, 60.2437



18.8965, 18.8124, 21.8879



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.



45.0542, 39.8271, 52.8903



73.8416, 62.4455, 86.8406



42.8373, 38.9403, 41.2166



10.9474, 10.7624, 12.7064



18.3005, 9.0698, 17.3241



0.8968, 0.4416, 0.9796

Inverse Universe

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



45.0542, 39.8271, 52.8903



73.8416, 62.4455, 86.8406



44.0299, 52.6149, 57.2708



10.9474, 10.7624, 12.7064



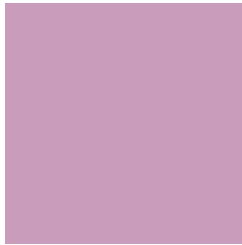
18.3005, 9.0698, 17.3241



0.8968, 0.4416, 0.9796

Previews

White Background



This preview shows how the XYZ color 45.0530, 39.8253, 52.8895 looks on a white background.

Color Contrast Check

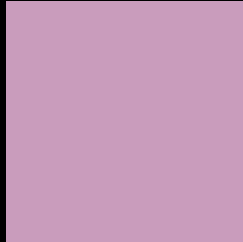
Large Text (above 18pt) WCAG AA × Fail

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 45.0530, 39.8253, 52.8895 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 45.0530, 39.8253, 52.8895

Background



This preview shows how black text looks on a background with the XYZ color 45.0530, 39.8253, 52.8895.



This preview shows how white text looks on a background with the XYZ color 45.0530, 39.8253,

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

45.0530, 39.8253, 52.8895

Protanopia

39.4835, 39.9901, 57.8624

Deuteranopia

40.6782, 39.9204, 52.0158



Tritanopia

43.3020, 39.8787, 43.9432

Trichromacy



Original Color

45.0530, 39.8253, 52.8895

Protanomaly

41.2612, 39.8662, 55.9723

Deuteranomaly

42.1397, 39.8676, 52.4879

Tritanomaly

43.9821, 39.9074, 46.9798

Monochromacy



Original Color

45.0530, 39.8253, 52.8895

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 45.0530, 39.8253, 52.8895 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, 188)` looks like.

```
.text, #text, p{  
    color:rgb(201, 156, 188)  
}
```

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, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 156, 188) }
```

Border

The CSS property to change the border of an element to XYZ 45.0530, 39.8253, 52.8895 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, 188) }
```


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

```
.border{ border-color:rgb(201, 156, 188) }
```

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, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 156, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 156, 188);  
box-shadow:4px 4px 4px 4px rgb(201, 156,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 45.0530, 39.8253, 52.8895 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, 188) }
```

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

```
.background{ background-color: rgb(201,  
156, 188) }
```

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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