

Converting Colors

XYZ(45.2528, 42.1544, 53.7685)

Have a look what the booklet for
XYZ(45.2528, 42.1544, 53.7685)
contains.

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Color

**XYZ(45.4054, 42.3202,
53.9196)**

Conversions

Conversions Part 1

Format	Color
Hex	C4A5BD
RGB	196, 165, 189
RGB Percent	77%, 65%, 74%
CMY	0.2314, 0.3529, 0.2588
CMYK	0.00, 0.16, 0.04, 0.23
HSL	314°, 21%, 71%
HSV	314°, 16%, 77%
XYZ	45.4054, 42.3202, 53.9196
YIQ	177.0050, 10.7720, 14.0360

Conversions

Conversions Part 2

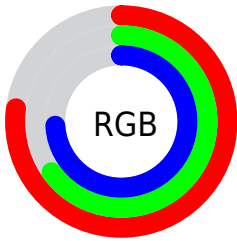
Format	Color
R_{YB}	196, 165, 189
Decimal	12887485
CIE _{Lab}	71.09, 15.47, -8.07
CIE _{LCh}	71, 17.452, 332.442
Yxy	42.3202, 0.3206, 0.2988
Android (android.graphics.Color)	4291077565 (0xFFC4A5BD)
YUV	177.0050, 5.9135, 16.6586
Hunter-Lab	65.0540, 10.7423, -3.6044

Details

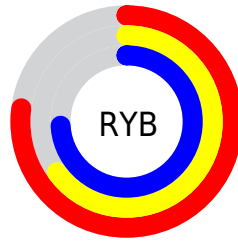
The XYZ color **45.4054, 42.3202, 53.9196** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **42.7051, 50.4589, 46.5209**, and the grayscale version is **41.7596, 43.9344, 47.8445**.

A 20% lighter version of the original color is **82.5826, 78.6616, 97.2168**, and **21.5044, 19.3386, 25.8919** is the 20% darker color. If you saturate the color by 10%, you get **41.6647, 35.5954, 50.3385**, and if you desaturate by 10%, it is **49.7050, 50.1381, 57.7603**.

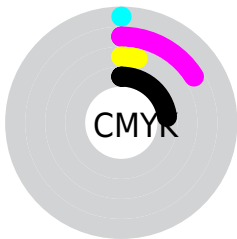
Distribution



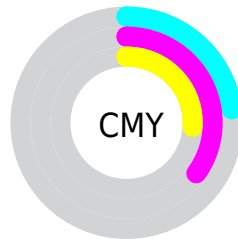
- Red (77%)
- Green (65%)
- Blue (74%)



- Red (77%)
- Yellow (65%)
- Blue (74%)



- Cyan (0%)
- Magenta (16%)
- Yellow (4%)
- Black (23%)





- Cyan (23%)
- Magenta (35%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.4054, 42.3202, 53.9196 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 45.4054, 42.3202, 53.9196 by changing the saturation by 10% instead.

 45.4054, 42.3202,
53.9196

 45.4054, 42.3202,
53.9196


359.1691,
355.8086, 418.9693

 31.9795, 29.3521,
38.1446


 82.5617, 78.6840,
97.4114

 21.5013, 19.3473,
25.7923


 107.0229,
102.8485, 125.9653

 13.6055, 11.9215,
16.4439


135.8932,
131.5139, 159.6160

 7.9266, 6.6903,
9.6811

169.5380,
165.0646, 198.7819

 4.0995, 3.2692,
5.0852

208.3226,
203.8851, 243.8817

 1.7586, 1.2738,
2.2377

252.6124,

 0.4925, 0.1208,

248.3596, 295.3338

0.6960

302.7728,
298.8726, 353.5568

■ 0.0000, 0.0000,
0.0000

■ 45.4054, 42.3202,
53.9196

■ 45.4054, 42.3202,
53.9196

■ 41.6647, 35.5954,
50.3385

■ 49.7050, 50.1381,
57.7603

■ 38.4545, 29.9090,
47.0055

■ 54.5830, 59.0896,
61.8663

■ 35.7493, 25.2098,
43.9120

■ 60.0624, 69.2200,
66.2464

■ 33.5204, 21.4400,
41.0476

■ 66.1638, 80.5705,
70.9080

■ 31.7356, 18.5359,
38.4010

■ 70.2998, 87.9657,
74.9893

■ 30.3590, 16.4258,
35.9596

■ 70.8630, 88.1910,
77.9550

■ 29.3488, 15.0263,
33.7088

■ 71.4416, 88.4224,
81.0020

■ 28.6529, 14.2335,
31.6304

■ 72.0357, 88.6601,
84.1307

■ 28.4112, 13.9943,
30.7969

■ 72.6455, 88.9040,
87.3418

Harmonies

Analogous

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



43.3092, 42.3202, 61.0122



45.4054, 42.3202, 53.9196



46.0934, 42.3202, 45.3984

Triad

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



45.4054, 42.3202, 53.9196



39.9855, 42.3202, 31.8192



35.6729, 42.3202, 55.2469

Complementary

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



45.4054, 42.3202, 53.9196



42.7051, 50.4589, 46.5209

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.



34.8755, 42.3202, 46.7674



45.4054, 42.3202, 53.9196



37.2891, 42.3202, 33.8067

Square

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



45.4054, 42.3202, 53.9196



42.8758, 42.3202, 33.2530



35.4527, 42.3202, 39.0388



37.6840, 42.3202, 61.8413

Rectangle

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



45.4054, 42.3202, 53.9196



45.6352, 42.3202, 40.2142



35.4527, 42.3202, 39.0388



35.2585, 42.3202, 52.4890

Sweetspot

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



45.4066, 42.3221, 53.9205



90.6564, 91.9491, 105.1656



40.3719, 39.6366, 57.7480



19.2767, 19.4479, 22.3996



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.



45.4066, 42.3221, 53.9205



79.7820, 72.2031, 95.3661



43.8404, 41.6956, 45.6730



10.3968, 10.2073, 12.1801



18.2890, 9.0054, 19.9659



0.8147, 0.3989, 0.9917

Inverse Universe

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



45.4066, 42.3221, 53.9205



79.7820, 72.2031, 95.3661



44.2513, 51.0774, 54.6632



10.3968, 10.2073, 12.1801



18.2890, 9.0054, 19.9659



0.8147, 0.3989, 0.9917

Previews

White Background



This preview shows how the XYZ color 45.4054, 42.3202, 53.9196 looks on a white background.

Color Contrast Check

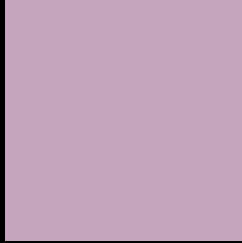
Large Text (above 18pt) WCAG AA × Fail

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 45.4054, 42.3202, 53.9196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

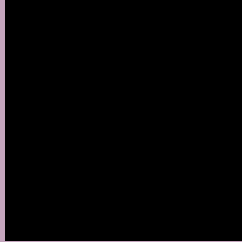
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.4054, 42.3202, 53.9196

Background



This preview shows how black text looks on a background with the XYZ color 45.4054, 42.3202, 53.9196.



This preview shows how white text looks on a background with the XYZ color 45.4054, 42.3202,

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

45.4054, 42.3202, 53.9196

Protanopia

41.4758, 42.4401, 57.0447

Deuteranopia

43.2727, 42.3211, 53.4650



Tritanopia

44.5626, 42.5348, 49.0414

Trichromacy



Original Color

45.4054, 42.3202, 53.9196

Protanomaly

42.7115, 42.2585, 55.7747

Deuteranomaly

44.0660, 42.4549, 53.4490

Tritanomaly

44.6891, 42.2934, 50.6078

Monochromacy



Original Color

45.4054, 42.3202, 53.9196

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

43.0512, 43.4137, 49.8267

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.4054, 42.3202, 53.9196 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(196, 165, 189)` looks like.

```
.text, #text, p{  
    color:rgb(196, 165, 189)  
}
```

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(196, 165, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 165, 189) }
```

Border

The CSS property to change the border of an element to XYZ 45.4054, 42.3202, 53.9196 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(196, 165, 189) }
```


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

```
.border{ border-color:rgb(196, 165, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 165, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 165, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 165, 189);  
box-shadow:4px 4px 4px 4px rgb(196, 165,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 45.4054, 42.3202, 53.9196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 165, 189) }
```

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

```
.background{ background-color: rgb(196,  
165, 189) }
```

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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