

Converting Colors

XYZ(45.6205, 34.5057, 52.3999)

Have a look what the booklet for
XYZ(45.6205, 34.5057, 52.3999)
contains.

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Color

**XYZ(45.6205, 34.5057,
52.3999)**

Conversions

Conversions Part 1

Format	Color
Hex	D883BD
RGB	216, 131, 189
RGB Percent	85%, 51%, 74%
CMY	0.1529, 0.4863, 0.2588
CMYK	0.00, 0.39, 0.12, 0.15
HSL	319°, 52%, 68%
HSV	319°, 39%, 85%
XYZ	45.6205, 34.5057, 52.3999
YIQ	163.0270, 32.0420, 36.0580

Conversions

Conversions Part 2

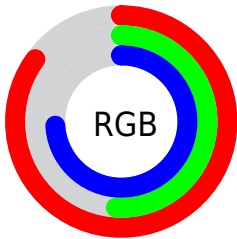
Format	Color
R_{YB}	216, 131, 189
Decimal	14189501
CIE _{Lab}	65.36, 40.78, -16.45
CIE _{LCh}	65, 43.976, 338.031
Yxy	34.5057, 0.3442, 0.2604
Android (android.graphics.Color)	4292379581 (0xFFD883BD)
YUV	163.0270, 12.8047, 46.4573
Hunter-Lab	58.7416, 35.8309, -11.7701

Details

The XYZ color **45.6205, 34.5057, 52.3999** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **40.0890, 56.4067, 41.1249**, and the grayscale version is **34.7574, 36.5675, 39.8220**.

A 20% lighter version of the original color is **75.0704, 62.5505, 94.5030**, and **21.7371, 14.8431, 25.0119** is the 20% darker color. If you saturate the color by 10%, you get **42.2890, 29.0062, 47.7013**, and if you desaturate by 10%, it is **49.5940, 41.2319, 57.4871**.

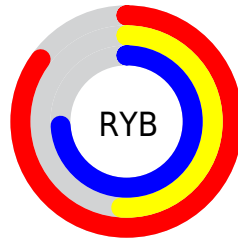
Distribution



Red (85%)

Green (51%)

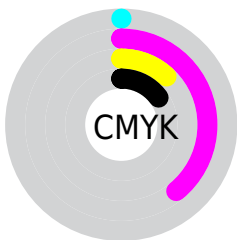
Blue (74%)



Red (85%)

Yellow (51%)

Blue (74%)

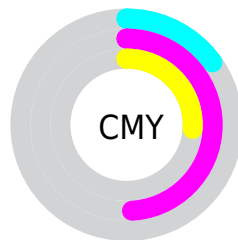


Cyan (0%)

Magenta (39%)

Yellow (12%)

Black (15%)



Cyan (15%)


Magenta (49%)


Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.6205, 34.5057, 52.3999 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 45.6205, 34.5057, 52.3999 by changing the saturation by 10% instead.


 45.6205, 34.5057,
52.3999

 45.6205, 34.5057,
52.3999


360.0224,
322.3811, 412.9793


 32.1498, 23.2824,
36.9395


 82.8821, 66.7193,
95.1533

 21.6321, 14.8021,
24.8652


 107.4037, 88.4784,
123.2834

 13.7019, 8.6806,
15.7586

 136.3397,
114.5181, 156.4738

 7.9939, 4.5335,
9.2010

170.0554,
145.2230, 195.1430

 4.1428, 1.9762,
4.7739

208.9162,
180.9773, 239.7097

 1.7833, 0.5936,
2.0588

253.2873,

 0.5075, 0.0000,

222.1655, 290.5922

0.5911

303.5343,
269.1720, 348.2093

■ 0.0000, 0.0000,
0.0000

■ 45.6205, 34.5057,
52.3999

■ 45.6205, 34.5057,
52.3999

■ 42.2890, 29.0062,
47.7013

■ 49.5940, 41.2319,
57.4871

■ 39.5581, 24.6527,
43.3740

■ 54.2416, 49.2493,
62.9748

■ 37.3861, 21.3622,
39.4022


■ 59.5965, 58.6238,
68.8768


■ 35.7245, 19.0386,
35.7671


■ 65.6893, 69.4153,
75.2055


■ 34.5162, 17.5683,
32.4471


■ 72.5483, 81.6799,
81.9725


 33.6663, 16.7623,
29.4081

 78.3860, 91.8418,
88.5842

 33.6158, 16.7177,
29.2175

 79.3698, 92.2353,
93.7651

 80.3921, 92.6442,
99.1481

 81.4531, 93.0686,
104.7354

Harmonies

Analogous

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



41.0001, 34.5057, 72.8403



45.6205, 34.5057, 52.3999



46.5928, 34.5057, 32.8472

Triad

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



45.6205, 34.5057, 52.3999



31.1029, 34.5057, 12.3203



24.0069, 34.5057, 63.8149

Complementary

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



45.6205, 34.5057, 52.3999



40.0890, 56.4067, 41.1249

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.



22.0342, 34.5057, 42.7270



45.6205, 34.5057, 52.3999



25.7676, 34.5057, 16.0460

Square

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



45.6205, 34.5057, 52.3999



37.6320, 34.5057, 13.4059



22.6339, 34.5057, 25.8421



28.3943, 34.5057, 80.7888

Rectangle

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



45.6205, 34.5057, 52.3999



44.9367, 34.5057, 23.2917



22.6339, 34.5057, 25.8421



23.0673, 34.5057, 56.7428

Sweetspot

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



45.6216, 34.5073, 52.4006



84.5274, 81.3962, 97.8660



34.5968, 28.4531, 68.6348



17.8676, 17.0279, 20.7021



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.



45.6216, 34.5073, 52.4006



62.4399, 43.6358, 70.7281



41.6703, 32.9268, 31.5938



12.7773, 12.5624, 14.7677



19.9480, 9.9155, 17.5620



1.2400, 0.6128, 1.2532

Inverse Universe

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



45.6216, 34.5073, 52.4006



62.4399, 43.6358, 70.7281



44.3913, 58.1276, 63.7803



12.7773, 12.5624, 14.7677



19.9480, 9.9155, 17.5620



1.2400, 0.6128, 1.2532

Previews

White Background



This preview shows how the XYZ color 45.6205, 34.5057, 52.3999 looks on a white background.

Color Contrast Check

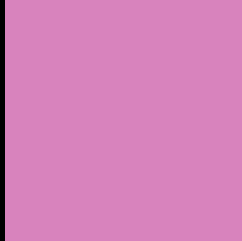
Large Text (above 18pt) WCAG AA × Fail

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 45.6205, 34.5057, 52.3999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

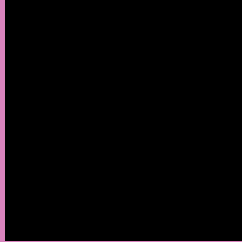
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.6205, 34.5057, 52.3999

Background



This preview shows how black text looks on a background with the XYZ color 45.6205, 34.5057, 52.3999.



This preview shows how white text looks on a background with the XYZ color 45.6205, 34.5057,

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

45.6205, 34.5057, 52.3999

Protanopia

35.1735, 34.7299, 63.8812

Deuteranopia

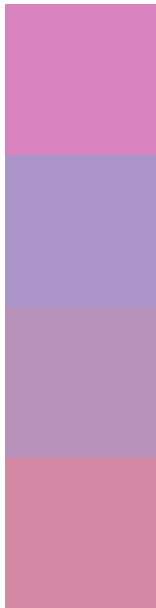
35.3786, 34.6269, 50.7179



Tritanopia

41.5214, 34.4840, 32.9014

Trichromacy



Original Color

45.6205, 34.5057, 52.3999

Protanomaly

37.8098, 34.0079, 59.2150

Deuteranomaly

38.4332, 34.0480, 51.0006

Tritanomaly

42.9456, 34.4348, 39.5051

Monochromacy



Original Color

45.6205, 34.5057, 52.3999

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

37.8044, 35.0569, 43.8039

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.6205, 34.5057, 52.3999 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(216, 131, 189)` looks like.

```
.text, #text, p{  
    color:rgb(216, 131, 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(216, 131, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 131, 189) }
```

Border

The CSS property to change the border of an element to XYZ 45.6205, 34.5057, 52.3999 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(216, 131, 189) }
```


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

```
.border{ border-color:rgb(216, 131, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 131, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 131, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 131, 189);  
box-shadow:4px 4px 4px 4px rgb(216, 131,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 45.6205, 34.5057, 52.3999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 131, 189) }
```

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

```
.background{ background-color: rgb(216,  
131, 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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