

Converting Colors

XYZ(45.7562, 37.8809, 52.5837)

Have a look what the booklet for
XYZ(45.7562, 37.8809, 52.5837)
contains.

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Color

**XYZ(45.6505, 37.7439,
52.4562)**

Conversions

Conversions Part 1

Format	Color
Hex	D192BC
RGB	209, 146, 188
RGB Percent	82%, 57%, 74%
CMY	0.1804, 0.4274, 0.2627
CMYK	0.00, 0.30, 0.10, 0.18
HSL	320°, 41%, 70%
HSV	320°, 30%, 82%
XYZ	45.6505, 37.7439, 52.4562
YIQ	169.6250, 24.0660, 26.4180

Conversions

Conversions Part 2

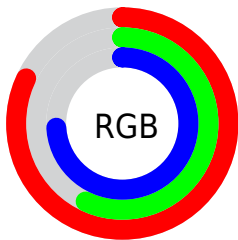
Format	Color
R_{YB}	209, 146, 188
Decimal	13734588
CIE _{Lab}	67.83, 30.22, -12.25
CIE _{LCh}	68, 32.612, 337.938
Yxy	37.7439, 0.3360, 0.2778
Android (android.graphics.Color)	4291924668 (0xFFD192BC)
YUV	169.6250, 9.0589, 34.5319
Hunter-Lab	61.4361, 25.1226, -7.6186

Details

The XYZ color **45.6505, 37.7439, 52.4562** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **41.6312, 54.5031, 44.8876**, and the grayscale version is **37.9709, 39.9483, 43.5037**.

A 20% lighter version of the original color is **78.4558, 69.5649, 94.8803**, and **21.7023, 16.6247, 24.9867** is the 20% darker color. If you saturate the color by 10%, you get **41.9856, 31.5868, 47.6182**, and if you desaturate by 10%, it is **49.9428, 45.0968, 57.6831**.

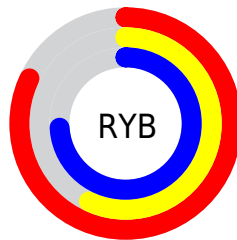
Distribution



Red (82%)

Green (57%)

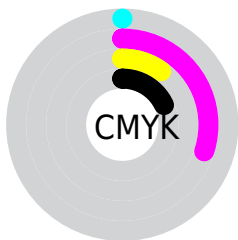
Blue (74%)



Red (82%)

Yellow (57%)

Blue (74%)

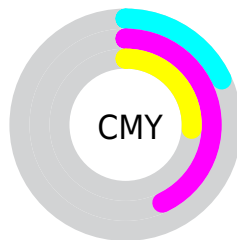


Cyan (0%)

Magenta (30%)

Yellow (10%)

Black (18%)



Cyan (18%)


Magenta (43%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.6505, 37.7439, 52.4562 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 45.6505, 37.7439, 52.4562 by changing the saturation by 10% instead.

 45.6505, 37.7439,
52.4562


 45.6505, 37.7439,
52.4562

360.1413,
336.5201, 413.2022

 32.1736, 25.7840,
36.9841

 82.9268, 71.7154,
95.2371

 21.6503, 16.6621,
24.8995

 107.4568, 94.4958,
123.3830

 13.7153, 9.9939,
15.7838

136.4019,
121.6519, 156.5905

 8.0033, 5.3949,
9.2186

170.1275,
153.5679, 195.2783

 4.1489, 2.4808,
4.7853

208.9989,
190.6284, 239.8648

 1.7867, 0.8670,
2.0653

253.3814,

 0.5096, 0.0000,

233.2176, 290.7686

0.5950

303.6404,
281.7201, 348.4082

■ 0.0000, 0.0000,
0.0000

■ 45.6505, 37.7439,
52.4562

■ 45.6505, 37.7439,
52.4562

■ 41.9856, 31.5868,
47.6182

■ 49.9428, 45.0968,
57.6831

■ 38.9122, 26.5559,
43.1533

■ 54.8894, 53.6999,
63.3091

■ 36.3957, 22.5824,
39.0480

■ 60.5195, 63.6105,
69.3466

■ 34.3962, 19.5876,
35.2863

■ 66.8597, 74.8808,
75.8070

■ 32.8687, 17.4818,
31.8504

■ 73.9349, 87.5601,
82.7007

■ 31.7595, 16.1589,
28.7199

■ 76.3102, 90.7776,
88.2185

■ 30.9791, 15.4292,
25.8978

■ 77.3074, 91.1765,
93.4699

■ 78.3442, 91.5912,
98.9295

■ 79.4210, 92.0219,
104.5997

Harmonies

Analogous

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



42.1837, 37.7439, 67.1722



45.6505, 37.7439, 52.4562



46.3803, 37.7439, 37.3735

Triad

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



45.6505, 37.7439, 52.4562



34.5497, 37.7439, 19.2433



28.7461, 37.7439, 60.6817

Complementary

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



45.6505, 37.7439, 52.4562



41.6312, 54.5031, 44.8876

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.



27.0885, 37.7439, 45.0592



45.6505, 37.7439, 52.4562



30.2279, 37.7439, 22.8296

Square

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



45.6505, 37.7439, 52.4562



39.6480, 37.7439, 20.3308



27.6043, 37.7439, 31.5083



32.3483, 37.7439, 72.6449

Rectangle

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



45.6505, 37.7439, 52.4562



45.1582, 37.7439, 29.3927



27.6043, 37.7439, 31.5083



27.9592, 37.7439, 55.5562

Sweetspot

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



45.6516, 37.7456, 52.4570



86.9532, 85.7384, 100.2449



37.7255, 33.3786, 64.7767



18.3495, 17.8927, 21.1679



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.



45.6516, 37.7456, 52.4570



67.8813, 52.9289, 77.4428



42.6180, 36.5321, 36.4820



12.1363, 11.9392, 13.9934



19.1480, 9.5320, 16.2172



1.1066, 0.5474, 1.0964

Inverse Universe

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



45.6516, 37.7456, 52.4570



67.8813, 52.9289, 77.4428



44.9067, 55.8133, 62.1362



12.1363, 11.9392, 13.9934



19.1480, 9.5320, 16.2172



1.1066, 0.5474, 1.0964

Previews

White Background



This preview shows how the XYZ color 45.6505, 37.7439, 52.4562 looks on a white background.

Color Contrast Check

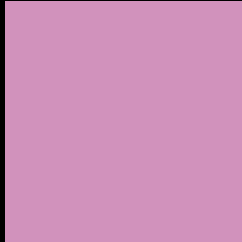
Large Text (above 18pt) WCAG AA × Fail

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 45.6505, 37.7439, 52.4562 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

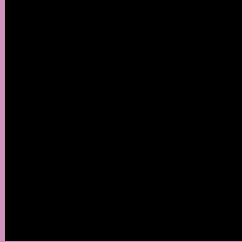
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.6505, 37.7439, 52.4562

Background



This preview shows how black text looks on a background with the XYZ color 45.6505, 37.7439, 52.4562.



This preview shows how white text looks on a background with the XYZ color 45.6505, 37.7439,

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

45.6505, 37.7439, 52.4562

Protanopia

37.8013, 37.9902, 59.9841

Deuteranopia

38.7354, 37.8768, 51.1683



Tritanopia

43.0418, 37.8637, 39.2223

Trichromacy



Original Color

45.6505, 37.7439, 52.4562

Protanomaly

40.1522, 37.4466, 57.3362

Deuteranomaly

41.0011, 37.7612, 51.5820

Tritanomaly

43.8303, 37.7006, 43.4949

Monochromacy



Original Color

45.6505, 37.7439, 52.4562

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

40.4478, 38.8544, 46.9628

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.6505, 37.7439, 52.4562 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(209, 146, 188)` looks like.

```
.text, #text, p{  
    color:rgb(209, 146, 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(209, 146, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 146, 188) }
```

Border

The CSS property to change the border of an element to XYZ 45.6505, 37.7439, 52.4562 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(209, 146, 188) }
```


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

```
.border{ border-color:rgb(209, 146, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 146, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 146, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 146, 188);  
box-shadow:4px 4px 4px 4px rgb(209, 146,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 45.6505, 37.7439, 52.4562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 146, 188) }
```

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

```
.background{ background-color: rgb(209,  
146, 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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