

Converting Colors

XYZ(45.1592, 39.7606, 42.3009)

Have a look what the booklet for
XYZ(45.1592, 39.7606, 42.3009)
contains.

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Color

**XYZ(45.3676, 39.9715,
42.3699)**

Conversions

Conversions Part 1

Format	Color
Hex	D29BA8
RGB	210, 155, 168
RGB Percent	82%, 61%, 66%
CMY	0.1765, 0.3921, 0.3412
CMYK	0.00, 0.26, 0.20, 0.18
HSL	346°, 38%, 72%
HSV	346°, 26%, 82%
XYZ	45.3676, 39.9715, 42.3699
YIQ	172.9270, 28.6070, 15.7030

Conversions

Conversions Part 2

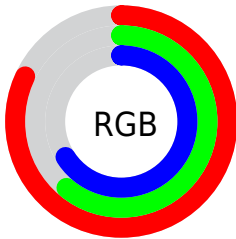
Format	Color
R _Y B	210, 155, 168
Decimal	13802408
CIE Lab	69.45, 22.44, 1.31
CIE LCh	69, 22.479, 3.346
Yxy	39.9715, 0.3552, 0.3130
Android (android.graphics.Color)	4291992488 (0xFFD29BA8)
YUV	172.9270, -2.4290, 32.5130
Hunter-Lab	63.2230, 17.4478, 4.5220

Details

The XYZ color **45.3676, 39.9715, 42.3699** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.6439, 57.0940, 61.3881**, and the grayscale version is **39.6860, 41.7528, 45.4688**.

A 20% lighter version of the original color is **77.6059, 72.6809, 79.7506**, and **21.5202, 17.9300, 18.8496** is the 20% darker color. If you saturate the color by 10%, you get **40.7688, 33.0191, 33.9146**, and if you desaturate by 10%, it is **50.7607, 48.2168, 52.0000**.

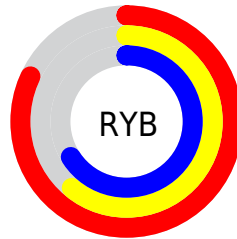
Distribution



Red (82%)

Green (61%)

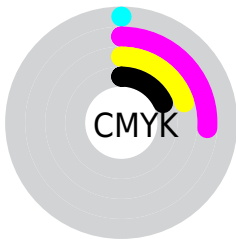
Blue (66%)



Red (82%)

Yellow (61%)

Blue (66%)

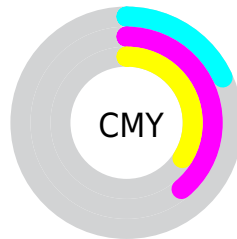


Cyan (0%)

Magenta (26%)

Yellow (20%)

Black (18%)



Cyan (18%)


Magenta (39%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.3676, 39.9715, 42.3699 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 45.3676, 39.9715, 42.3699 by changing the saturation by 10% instead.


 45.3676, 39.9715,
42.3699


 45.3676, 39.9715,
42.3699


359.0190,
346.0034, 371.8588

 31.9496, 27.5163,
29.0633


 82.5054, 75.1201,
80.0353

 21.4784, 17.9614,
18.8827


 106.9560, 98.5823,
105.2311

 13.5886, 10.9223,
11.4096


135.8147,
126.4824, 135.2272

 7.9148, 6.0146,
6.2254

169.4470,
159.2046, 170.4419

 4.0919, 2.8539,
2.9116

208.2182,
197.1334, 211.2939

 1.7542, 1.0560,
1.0497

252.4937,

 0.4899, 0.0000,

240.6533, 258.2017

0.0000

302.6389,
290.1485, 311.5838

■ 0.0000, 0.0000,
0.0000

■ 45.3676, 39.9715,
42.3699

■ 45.3676, 39.9715,
42.3699

■ 40.7688, 33.0191,
33.9146

■ 50.7607, 48.2168,
52.0000

■ 36.9229, 27.2886,
26.5861

■ 56.9802, 57.8103,
62.8456

■ 33.7895, 22.7102,
20.3364

■ 64.0607, 68.8111,
74.9484

■ 31.3232, 19.2053,
15.1130

■ 72.0336, 81.2727,
88.3474

■ 29.4731, 16.6848,
10.8591

■ 79.3112, 92.0108,
102.5405

■ 28.1804, 15.0457,
7.5114

■ 80.3885, 92.4417,
108.2139

■ 27.3728, 14.1585,
4.9980

■ 27.1462, 13.9288,
4.2331

Harmonies

Analogous

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



44.5538, 39.9715, 53.0849



45.3676, 39.9715, 42.3699



44.1039, 39.9715, 33.4643

Triad

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



45.3676, 39.9715, 42.3699



34.2949, 39.9715, 28.9113



34.9558, 39.9715, 63.8649

Complementary

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



45.3676, 39.9715, 42.3699



46.6439, 57.0940, 61.3881

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.



32.4721, 39.9715, 55.4170



45.3676, 39.9715, 42.3699



32.1078, 39.9715, 35.1829

Square

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



45.3676, 39.9715, 42.3699



37.5872, 39.9715, 26.5099



31.4620, 39.9715, 44.6951



38.3991, 39.9715, 66.5929

Rectangle

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



45.3676, 39.9715, 42.3699



42.2975, 39.9715, 29.4165



31.4620, 39.9715, 44.6951



33.9885, 39.9715, 61.5404

Sweetspot

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



45.3687, 39.9733, 42.3707



86.4762, 86.7048, 94.1655



46.1857, 39.8671, 66.2341



18.1853, 18.0574, 19.5927



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.



45.3687, 39.9733, 42.3707



66.5641, 56.2145, 58.7529



46.6376, 44.3530, 37.1155



11.9216, 11.8534, 12.8629



16.5915, 8.5094, 2.7551



0.9593, 0.4884, 0.3206

Inverse Universe

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



45.3687, 39.9733, 42.3707



66.5641, 56.2145, 58.7529



44.9483, 51.2158, 68.4898



11.9216, 11.8534, 12.8629



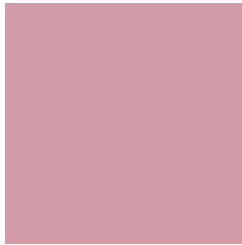
16.5915, 8.5094, 2.7551



0.9593, 0.4884, 0.3206

Previews

White Background



This preview shows how the XYZ color 45.3676, 39.9715, 42.3699 looks on a white background.

Color Contrast Check

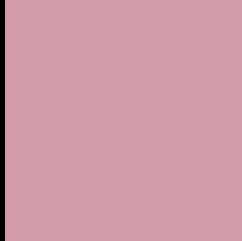
Large Text (above 18pt) WCAG AA × Fail

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 45.3676, 39.9715, 42.3699 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

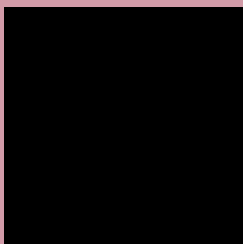
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.3676, 39.9715, 42.3699

Background



This preview shows how black text looks on a background with the XYZ color 45.3676, 39.9715, 42.3699.



This preview shows how white text looks on a background with the XYZ color 45.3676, 39.9715,

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

45.3676, 39.9715, 42.3699

Protanopia

38.8190, 40.1685, 46.7816

Deuteranopia

40.8974, 39.9955, 41.6408



Tritanopia

45.2747, 39.9343, 41.8811

Trichromacy



Original Color

45.3676, 39.9715, 42.3699

Protanomaly

40.8259, 39.8823, 45.0815

Deuteranomaly

42.4849, 40.0155, 42.0438

Tritanomaly

45.2747, 39.9343, 41.8811

Monochromacy



Original Color

45.3676, 39.9715, 42.3699

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

41.2366, 40.6518, 44.2013

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.3676, 39.9715, 42.3699 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(210, 155, 168)` looks like.

```
.text, #text, p{  
    color:rgb(210, 155, 168)  
}
```

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(210, 155, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 155, 168) }
```

Border

The CSS property to change the border of an element to XYZ 45.3676, 39.9715, 42.3699 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(210, 155, 168) }
```


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

```
.border{ border-color:rgb(210, 155, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 155, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 155, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 155, 168);  
box-shadow:4px 4px 4px 4px rgb(210, 155,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 45.3676, 39.9715, 42.3699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 155, 168) }
```

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

```
.background{ background-color: rgb(210,  
155, 168) }
```

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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