

Converting Colors

XYZ(42.9592, 39.6730, 45.7390)

Have a look what the booklet for
XYZ(42.9592, 39.6730, 45.7390)
contains.

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Color

**XYZ(42.9010, 39.6272,
45.9451)**

Conversions

Conversions Part 1

Format	Color
Hex	C49FAF
RGB	196, 159, 175
RGB Percent	77%, 62%, 69%
CMY	0.2314, 0.3765, 0.3137
CMYK	0.00, 0.19, 0.11, 0.23
HSL	334°, 24%, 70%
HSV	334°, 19%, 77%
XYZ	42.9010, 39.6272, 45.9451
YIQ	171.8870, 16.9160, 12.8200

Conversions

Conversions Part 2

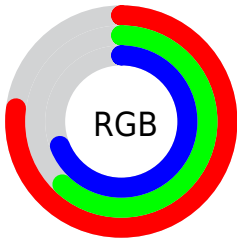
Format	Color
RYB	196, 159, 175
Decimal	12885935
CIELab	69.20, 16.29, -3.11
CIELCh	69, 16.581, 349.193
Yxy	39.6272, 0.3339, 0.3084
Android (android.graphics.Color)	4291076015 (0xFFC49FAF)
YUV	171.8870, 1.5347, 21.1471
Hunter-Lab	62.9501, 11.4864, 0.7914

Details

The XYZ color **42.9010, 39.6272, 45.9451** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.2779, 50.1472, 50.6336**, and the grayscale version is **39.1430, 41.1815, 44.8466**.

A 20% lighter version of the original color is **78.8375, 74.6890, 85.1241**, and **19.9882, 17.6962, 21.1011** is the 20% darker color. If you saturate the color by 10%, you get **38.7461, 32.9944, 39.3895**, and if you desaturate by 10%, it is **47.6826, 47.3685, 53.1548**.

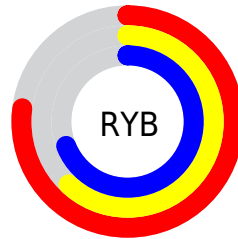
Distribution



Red (77%)

Green (62%)

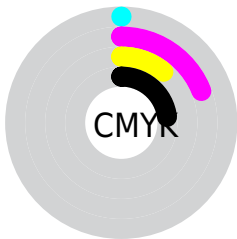
Blue (69%)



Red (77%)

Yellow (62%)

Blue (69%)

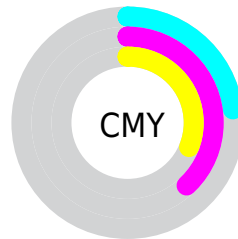


Cyan (0%)

Magenta (19%)

Yellow (11%)

Black (23%)



Cyan (23%)

Magenta (38%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.9010, 39.6272, 45.9451 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 42.9010, 39.6272, 45.9451 by changing the saturation by 10% instead.

■ 42.9010, 39.6272,
45.9451

■ 42.9010, 39.6272,
45.9451

349.1329,
344.5498, 386.8591

■ 30.0016, 27.2480,
31.8541

■ 78.8181, 74.5955,
85.4702

■ 19.9879, 17.7596,
20.9862

■ 102.5665, 97.9534,
111.7415

■ 12.4945, 10.7775,
12.9228

130.6620,
125.7396, 142.9100

■ 7.1560, 5.9174,
7.2453

163.4699,
158.3386, 179.3942

■ 3.6070, 2.7949,
3.5352

201.3556,
196.1347, 221.6126

■ 1.4823, 1.0256,
1.3740

244.6844,

■ 0.3137, 0.0000,

239.5123, 269.9839

0.1213

293.8217,
288.8559, 324.9265

■ 0.0000, 0.0000,
0.0000

■ 42.9010, 39.6272,
45.9451

■ 42.9010, 39.6272,
45.9451

■ 38.7461, 32.9944,
39.3895

■ 47.6826, 47.3685,
53.1548

■ 35.1873, 27.4135,
33.4656

■ 53.1131, 56.2606,
61.0349

■ 32.1964, 22.8312,
28.1536

■ 59.2178, 66.3503,
69.6041

■ 29.7412, 19.1873,
23.4311

■ 66.0194, 77.6801,
78.8797

■ 27.7865, 16.4147,
19.2745

■ 72.8966, 89.0045,
88.6640

■ 26.2922, 14.4379,
15.6577

■ 74.5153, 89.6519,
97.1880

■ 25.2118, 13.1676,
12.5520

■ 76.2357, 90.3401,
106.2472

■ 24.4687, 12.4556,
9.9180

■ 76.5752, 90.4759,
108.0354

■ 24.3949, 12.3878,
9.6469

Harmonies

Analogous

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



41.6593, 39.6272, 53.4169



42.9010, 39.6272, 45.9451



42.6908, 39.6272, 38.5201

Triad

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



42.9010, 39.6272, 45.9451



36.0121, 39.6272, 30.7677



34.4280, 39.6272, 55.1778

Complementary

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



42.9010, 39.6272, 45.9451



42.2779, 50.1472, 50.6336

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.



33.0490, 39.6272, 48.1309



42.9010, 39.6272, 45.9451



33.9335, 39.6272, 34.2862

Square

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



42.9010, 39.6272, 45.9451



38.6291, 39.6272, 30.3284



32.8724, 39.6272, 40.4654



36.7160, 39.6272, 59.1484

Rectangle

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



42.9010, 39.6272, 45.9451



41.7582, 39.6272, 34.5574



32.8724, 39.6272, 40.4654



33.8474, 39.6272, 53.0543

Sweetspot

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



42.9021, 39.6290, 45.9459



88.9949, 90.0769, 100.1388



41.1781, 38.4831, 57.4828



18.9132, 19.0592, 21.2356



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.



42.9021, 39.6290, 45.9459



74.2048, 66.1563, 77.7612



41.8510, 39.8940, 38.2975



10.2500, 10.1486, 11.4068



15.7161, 7.9762, 6.4168



0.7136, 0.3584, 0.4590

Inverse Universe

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



42.9021, 39.6290, 45.9459



74.2048, 66.1563, 77.7612



43.4513, 49.7337, 59.5346



10.2500, 10.1486, 11.4068



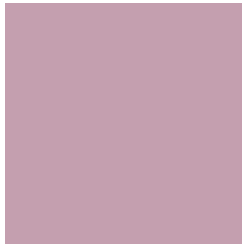
15.7161, 7.9762, 6.4168



0.7136, 0.3584, 0.4590

Previews

White Background



This preview shows how the XYZ color 42.9010, 39.6272, 45.9451 looks on a white background.

Color Contrast Check

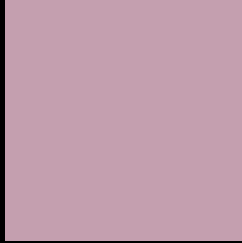
Large Text (above 18pt) WCAG AA × Fail

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 42.9010, 39.6272, 45.9451 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

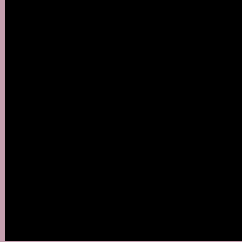
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.9010, 39.6272, 45.9451

Background



This preview shows how black text looks on a background with the XYZ color 42.9010, 39.6272, 45.9451.



This preview shows how white text looks on a background with the XYZ color 42.9010, 39.6272,

45.9451.

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

42.9010, 39.6272, 45.9451

Protanopia

38.6030, 39.7356, 48.8151

Deuteranopia

40.4439, 39.6742, 45.5707



Tritanopia

42.7822, 39.8559, 44.4678

Trichromacy



Original Color

42.9010, 39.6272, 45.9451

Protanomaly

40.0814, 39.7083, 47.6714

Deuteranomaly

41.2993, 39.5880, 45.5089

Tritanomaly

42.8786, 39.8945, 44.9756

Monochromacy



Original Color

42.9010, 39.6272, 45.9451

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

40.4176, 40.4783, 45.2180

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.9010, 39.6272, 45.9451 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, 159, 175)` looks like.

```
.text, #text, p{  
    color:rgb(196, 159, 175)  
}
```

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, 159, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 159, 175) }
```

Border

The CSS property to change the border of an element to XYZ 42.9010, 39.6272, 45.9451 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, 159, 175) }
```


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

```
.border{ border-color:rgb(196, 159, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 159, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 159, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 159, 175);  
box-shadow:4px 4px 4px 4px rgb(196, 159,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 42.9010, 39.6272, 45.9451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 159, 175) }
```

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

```
.background{ background-color: rgb(196,  
159, 175) }
```

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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