

Converting Colors

XYZ(40.6342, 38.8755, 45.7620)

Have a look what the booklet for
XYZ(40.6342, 38.8755, 45.7620)
contains.

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Color

**XYZ(40.7324, 39.0240,
45.9430)**

Conversions

Conversions Part 1

Format	Color
Hex	BAA1AF
RGB	186, 161, 175
RGB Percent	73%, 63%, 69%
CMY	0.2706, 0.3686, 0.3137
CMYK	0.00, 0.13, 0.06, 0.27
HSL	326°, 15%, 68%
HSV	326°, 13%, 73%
XYZ	40.7324, 39.0240, 45.9430
YIQ	170.0710, 10.4060, 9.6540

Conversions

Conversions Part 2

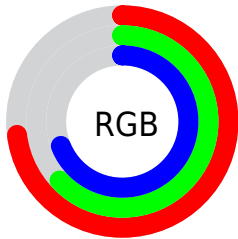
Format	Color
RYB	186, 161, 175
Decimal	12231087
CIELab	68.77, 11.59, -3.86
CIELCh	69, 12.210, 341.591
Yxy	39.0240, 0.3240, 0.3105
Android (android.graphics.Color)	4290421167 (0xFFBAA1AF)
YUV	170.0710, 2.4300, 13.9697
Hunter-Lab	62.4692, 7.0680, 0.1236

Details

The XYZ color **40.7324, 39.0240, 45.9430** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.7047, 45.6744, 45.7552**, and the grayscale version is **38.2294, 40.2203, 43.8000**.

A 20% lighter version of the original color is **75.4567, 73.7022, 85.1118**, and **18.7167, 17.3539, 21.1021** is the 20% darker color. If you saturate the color by 10%, you get **36.9412, 32.6890, 40.8327**, and if you desaturate by 10%, it is **45.0581, 46.3490, 51.4728**.

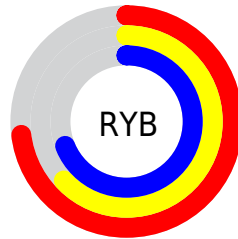
Distribution



Red (73%)

Green (63%)

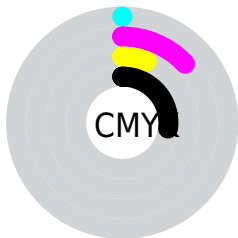
Blue (69%)



Red (73%)

Yellow (63%)

Blue (69%)

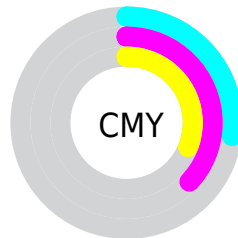


Cyan (0%)

Magenta (13%)

Yellow (6%)

Black (27%)



Cyan (27%)

Magenta (37%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.7324, 39.0240, 45.9430 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 40.7324, 39.0240, 45.9430 by changing the saturation by 10% instead.

■ 40.7324, 39.0240,
45.9430

■ 40.7324, 39.0240,
45.9430

340.2827,
341.9925, 386.8504

■ 28.2968, 26.7784,
31.8525

■ 75.5548, 73.6750,
85.4671

■ 18.6911, 17.4069,
20.9850

■ 98.6723, 96.8492,
111.7377

■ 11.5500, 10.5250,
12.9219

126.0811,
124.4350, 142.9055

■ 6.5080, 5.7484,
7.2447

158.1466,
156.8168, 179.3890

■ 3.2000, 2.6927,
3.5348

195.2341,
194.3791, 221.6066

■ 1.2604, 0.9735,
1.3738

237.7091,

■ 0.1533, 0.0000,

237.5062, 269.9771

0.1211

285.9368,
286.5826, 324.9188

■ 0.0000, 0.0000,
0.0000

■ 40.7324, 39.0240,
45.9430

■ 40.7324, 39.0240,
45.9430

■ 36.9412, 32.6890,
40.8327

■ 45.0581, 46.3490,
51.4728

■ 33.6591, 27.2959,
36.1279

■ 49.9357, 54.6990,
57.4307

■ 30.8633, 22.8004,
31.8171

■ 55.3860, 64.1137,
63.8281

■ 28.5282, 19.1525,
27.8873

■ 61.4276, 74.6293,
70.6750

■ 26.6256, 16.2973,
24.3244

■ 68.0784, 86.2800,
77.9813

■ 25.1240, 14.1733,
21.1133

■ 69.4795, 87.3471,
83.7978

■ 23.9873, 12.7100,
18.2371

■ 70.6175, 87.8022,
89.7903

■ 23.1723, 11.8225,
15.6761

■ 71.8097, 88.2791,
96.0682

■ 22.7562, 11.4417,
14.1459

■ 73.0568, 88.7779,
102.6353

Harmonies

Analogous

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



39.6147, 39.0240, 50.9632



40.7324, 39.0240, 45.9430



40.8543, 39.0240, 40.3864

Triad

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



40.7324, 39.0240, 45.9430



36.3490, 39.0240, 32.8887



34.3790, 39.0240, 49.9591

Complementary

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



40.7324, 39.0240, 45.9430



39.7047, 45.6744, 45.7552

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.



33.5664, 39.0240, 44.6664



40.7324, 39.0240, 45.9430



34.6771, 39.0240, 35.0131

Square

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



40.7324, 39.0240, 45.9430



38.2778, 39.0240, 33.1658



33.6736, 39.0240, 39.2155



35.9292, 39.0240, 53.4172

Rectangle

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



40.7324, 39.0240, 45.9430



40.3496, 39.0240, 37.1523



33.6736, 39.0240, 39.2155



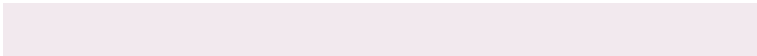
34.0130, 39.0240, 48.3170

Sweetspot

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



40.7335, 39.0257, 45.9438



81.1489, 83.1227, 92.6453



38.5860, 37.7887, 51.7150



17.7329, 18.0712, 20.2296



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



40.7335, 39.0257, 45.9438



71.7927, 67.3120, 80.5813



39.5770, 38.5631, 39.8534



9.2095, 9.0942, 10.4505



15.3478, 7.7129, 9.7180



0.5716, 0.2841, 0.5035

Inverse Universe

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



40.7335, 39.0257, 45.9438



71.7927, 67.3120, 80.5813



40.9448, 46.1704, 52.2851



9.2095, 9.0942, 10.4505



15.3478, 7.7129, 9.7180



0.5716, 0.2841, 0.5035

Previews

White Background



This preview shows how the XYZ color 40.7324, 39.0240, 45.9430 looks on a white background.

Color Contrast Check

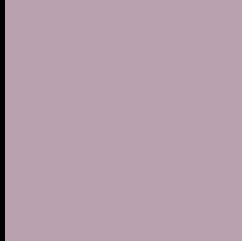
Large Text (above 18pt) WCAG AA × Fail

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 40.7324, 39.0240, 45.9430 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 40.7324, 39.0240, 45.9430

Background



This preview shows how black text looks on a background with the XYZ color 40.7324, 39.0240, 45.9430.



This preview shows how white text looks on a background with the XYZ color 40.7324, 39.0240,

45.9430.

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

40.7324, 39.0240, 45.9430

Protanopia

38.1038, 39.2169, 48.2092

Deuteranopia

39.8911, 39.1133, 46.0046



Tritanopia

40.6346, 38.9848, 45.4276

Trichromacy



Original Color

40.7324, 39.0240, 45.9430

Protanomaly

39.1702, 39.2386, 47.6288

Deuteranomaly

40.1866, 39.0031, 45.9677

Tritanomaly

40.6346, 38.9848, 45.4276

Monochromacy



Original Color

40.7324, 39.0240, 45.9430

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

39.1696, 39.8461, 44.6563

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.7324, 39.0240, 45.9430 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(186, 161, 175)` looks like.

```
.text, #text, p{  
    color:rgb(186, 161, 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(186, 161, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 161, 175) }
```

Border

The CSS property to change the border of an element to XYZ 40.7324, 39.0240, 45.9430 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(186, 161, 175) }
```


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

```
.border{ border-color:rgb(186, 161, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 161, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 161, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 161, 175);  
box-shadow:4px 4px 4px 4px rgb(186, 161,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 40.7324, 39.0240, 45.9430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 161, 175) }
```

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

```
.background{ background-color: rgb(186,  
161, 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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