

Converting Colors

XYZ(43.9871, 40.9239, 47.7069)

Have a look what the booklet for
XYZ(43.9871, 40.9239, 47.7069)
contains.

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Color

**XYZ(43.9822, 40.9253,
47.7007)**

Conversions

Conversions Part 1

Format	Color
Hex	C5A2B2
RGB	197, 162, 178
RGB Percent	77%, 64%, 70%
CMY	0.2274, 0.3647, 0.3020
CMYK	0.00, 0.18, 0.10, 0.23
HSL	333°, 23%, 70%
HSV	333°, 18%, 77%
XYZ	43.9822, 40.9253, 47.7007
YIQ	174.2890, 15.7240, 12.3960

Conversions

Conversions Part 2

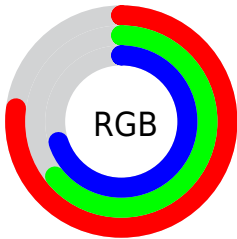
Format	Color
R _{YB}	197, 162, 178
Decimal	12952242
CIE Lab	70.12, 15.52, -3.41
CIE LCh	70, 15.885, 347.608
Yxy	40.9253, 0.3317, 0.3086
Android (android.graphics.Color)	4291142322 (0xFFC5A2B2)
YUV	174.2890, 1.8295, 19.9175
Hunter-Lab	63.9729, 10.7685, 0.5721

Details

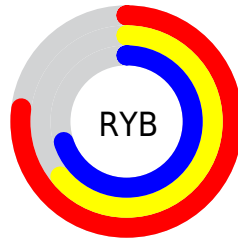
The XYZ color **43.9822, 40.9253, 47.7007** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.2087, 50.9513, 51.2758**, and the grayscale version is **40.3668, 42.4691, 46.2488**.

A 20% lighter version of the original color is **80.5372, 76.6371, 88.3896**, and **20.6053, 18.4722, 21.8815** is the 20% darker color. If you saturate the color by 10%, you get **39.7480, 34.1085, 41.1962**, and if you desaturate by 10%, it is **48.8462, 48.8665, 54.8293**.

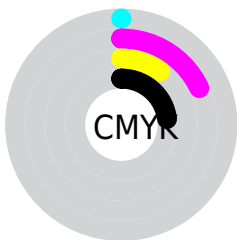
Distribution



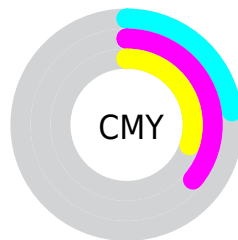
- Red (77%)
- Green (64%)
- Blue (70%)



- Red (77%)
- Yellow (64%)
- Blue (70%)



- Cyan (0%)
- Magenta (18%)
- Yellow (10%)
- Black (23%)





- Cyan (23%)
- Magenta (36%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.9822, 40.9253, 47.7007 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 43.9822, 40.9253, 47.7007 by changing the saturation by 10% instead.

 43.9822, 40.9253,
47.7007


 43.9822, 40.9253,
47.7007


353.4891,
350.0083, 394.0790

 30.8544, 28.2607,
33.2316


 80.4375, 76.5705,
88.1195

 20.6393, 18.5223,
22.0314


 104.4956,
100.3199, 114.9063

 12.9715, 11.3256,
13.6814


132.9279,
128.5330, 146.6361

 7.4858, 6.2863,
7.7632

166.0997,
161.5942, 183.7275

 3.8167, 3.0199,
3.8582

204.3764,
199.8880, 226.5989

 1.5990, 1.1421,
1.5479

248.1233,

 0.3918, 0.0137,

243.7987, 275.6689

0.2532

297.7057,
293.7106, 331.3561

■ 0.0000, 0.0000,
0.0000

■ 43.9822, 40.9253,
47.7007

■ 43.9822, 40.9253,
47.7007

■ 39.7480, 34.1085,
41.1962

■ 48.8462, 48.8665,
54.8293

■ 36.1128, 28.3594,
35.2946

■ 54.3618, 57.9745,
62.5967

■ 33.0487, 23.6246,
29.9775

■ 60.5542, 68.2963,
71.0208

■ 30.5238, 19.8437,
25.2241

■ 67.4461, 79.8746,
80.1176

■ 28.5031, 16.9501,
21.0123

■ 73.2777, 89.1871,
89.3086

■ 26.9471, 14.8683,
17.3180

■ 74.8394, 89.8117,
97.5322

■ 25.8099, 13.5100,
14.1143

■ 76.4950, 90.4740,
106.2508

■ 25.0250, 12.7464,
11.3671

■ 76.8363, 90.6105,
108.0476

■ 24.8737, 12.6095,
10.8061

Harmonies

Analogous

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



42.7041, 40.9253, 54.9147



43.9822, 40.9253, 47.7007



43.8547, 40.9253, 40.3730

Triad

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



43.9822, 40.9253, 47.7007



37.4072, 40.9253, 32.2722



35.6278, 40.9253, 55.9794

Complementary

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



43.9822, 40.9253, 47.7007



43.2087, 50.9513, 51.2758

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.



34.3301, 40.9253, 49.0284



43.9822, 40.9253, 47.7007



35.3256, 40.9253, 35.5975

Square

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



43.9822, 40.9253, 47.7007



39.9798, 40.9253, 32.0013



34.2220, 40.9253, 41.5616



37.8365, 40.9253, 60.0391

Rectangle

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



43.9822, 40.9253, 47.7007



42.9898, 40.9253, 36.3906



34.2220, 40.9253, 41.5616



35.0749, 40.9253, 53.8703

Sweetspot

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



43.9834, 40.9271, 47.7016



90.0220, 91.6953, 101.8246



41.9779, 39.6574, 58.2662



19.1224, 19.3862, 21.5869



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.



43.9834, 40.9271, 47.7016



75.9492, 68.7304, 81.1623



42.6758, 40.7344, 39.7978



10.8321, 10.7162, 12.0991



16.4015, 8.3102, 7.3240



0.8130, 0.4081, 0.5387

Inverse Universe

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



43.9834, 40.9271, 47.7016



75.9492, 68.7304, 81.1623



44.6820, 51.1184, 60.3359



10.8321, 10.7162, 12.0991



16.4015, 8.3102, 7.3240



0.8130, 0.4081, 0.5387

Previews

White Background



This preview shows how the XYZ color 43.9822, 40.9253, 47.7007 looks on a white background.

Color Contrast Check

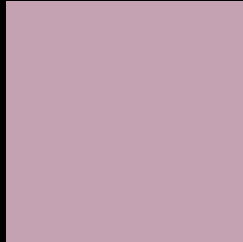
Large Text (above 18pt) WCAG AA × Fail

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 43.9822, 40.9253, 47.7007 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 43.9822, 40.9253, 47.7007

Background



This preview shows how black text looks on a background with the XYZ color 43.9822, 40.9253, 47.7007.



This preview shows how white text looks on a background with the XYZ color 43.9822, 40.9253,

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

43.9822, 40.9253, 47.7007

Protanopia

39.9047, 41.2026, 50.6494

Deuteranopia

41.8217, 40.8859, 47.2825



Tritanopia

43.6842, 40.8061, 46.1314

Trichromacy



Original Color

43.9822, 40.9253, 47.7007

Protanomaly

41.1655, 41.0448, 49.4688

Deuteranomaly

42.6262, 41.0317, 47.2682

Tritanomaly

43.7828, 40.8456, 46.6507

Monochromacy



Original Color

43.9822, 40.9253, 47.7007

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

41.4040, 41.7897, 46.4414

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.9822, 40.9253, 47.7007 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(197, 162, 178)` looks like.

```
.text, #text, p{  
    color:rgb(197, 162, 178)  
}
```

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(197, 162, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 162, 178) }
```

Border

The CSS property to change the border of an element to XYZ 43.9822, 40.9253, 47.7007 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(197, 162, 178) }
```


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

```
.border{ border-color:rgb(197, 162, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 162, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 162, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 162, 178); box-shadow:4px 4px 4px 4px rgb(197, 162, 178) }
```

Background

The CSS property to change the background color of an element to XYZ 43.9822, 40.9253, 47.7007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 162, 178) }
```

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

```
.background{ background-color: rgb(197,  
162, 178) }
```

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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