

Converting Colors

XYZ(42.4580, 40.1299, 42.1481)

Have a look what the booklet for
XYZ(42.4580, 40.1299, 42.1481)
contains.

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Color

**XYZ(42.6603, 40.3664,
42.1023)**

Conversions

Conversions Part 1

Format	Color
Hex	C4A2A7
RGB	196, 162, 167
RGB Percent	77%, 64%, 65%
CMY	0.2314, 0.3647, 0.3451
CMYK	0.00, 0.17, 0.15, 0.23
HSL	351°, 22%, 70%
HSV	351°, 17%, 77%
XYZ	42.6603, 40.3664, 42.1023
YIQ	172.7360, 18.6590, 8.7630

Conversions

Conversions Part 2

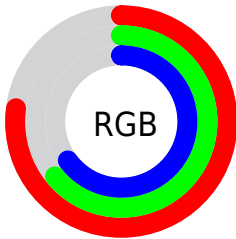
Format	Color
R_{YB}	196, 162, 167
Decimal	12886695
CIE _{Lab}	69.73, 13.30, 2.10
CIE _{LCh}	70, 13.464, 8.988
Yxy	40.3664, 0.3409, 0.3226
Android (android.graphics.Color)	4291076775 (0xFFC4A2A7)
YUV	172.7360, -2.8278, 20.4025
Hunter-Lab	63.5346, 8.6684, 5.1846

Details

The XYZ color **42.6603, 40.3664, 42.1023** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.0457, 50.9238, 56.8004**, and the grayscale version is **39.5942, 41.6562, 45.3636**.

A 20% lighter version of the original color is **78.5057, 75.7823, 79.5970**, and **19.8258, 18.1404, 18.6762** is the 20% darker color. If you saturate the color by 10%, you get **38.0262, 33.4136, 33.4186**, and if you desaturate by 10%, it is **48.0347, 48.4790, 52.0197**.

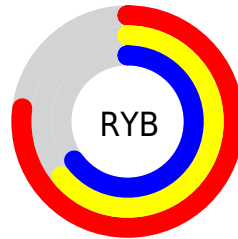
Distribution



Red (77%)

Green (64%)

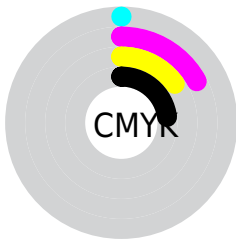
Blue (65%)



Red (77%)

Yellow (64%)

Blue (65%)

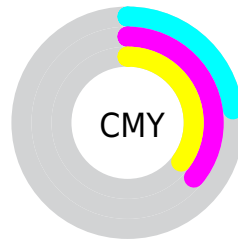


Cyan (0%)

Magenta (17%)

Yellow (15%)

Black (23%)



Cyan (23%)


Magenta (36%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.6603, 40.3664, 42.1023 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 42.6603, 40.3664, 42.1023 by changing the saturation by 10% instead.

 42.6603, 40.3664,
42.1023


 42.6603, 40.3664,
42.1023


348.1581,
347.6655, 370.7190

 29.8120, 27.8243,
28.8552


 78.4569, 75.7211,
79.6262

 19.8433, 18.1933,
18.7267


 102.1360, 99.3026,
104.7401

 12.3888, 11.0888,
11.2982


130.1560,
127.3326, 134.6467

 7.0831, 6.1266,
6.1511

162.8823,
160.1957, 169.7645

 3.5609, 2.9222,
2.8669

200.6804,
198.2761, 210.5121

 1.4569, 1.0913,
1.0271

243.9154,

 0.2962, 0.0000,

241.9582, 257.3081

0.0000

292.9529,
291.6266, 310.5708

■ 0.0000, 0.0000,
0.0000

■ 42.6603, 40.3664,
42.1023

■ 42.6603, 40.3664,
42.1023

■ 38.0262, 33.4136,
33.4186

■ 48.0347, 48.4790,
52.0197

■ 34.0965, 27.5624,
25.9176

■ 54.1764, 57.7954,
63.2138

■ 30.8374, 22.7577,
19.5487

■ 61.1152, 68.3638,
75.7287

■ 28.2111, 18.9378,
14.2565

■ 68.8784, 80.2282,
89.6058

■ 26.1758, 16.0339,
9.9810

■ 75.8744, 90.1955,
104.3453

■ 24.6846, 13.9690,
6.6561

■ 76.5751, 90.4758,
108.0354

■ 23.6836, 12.6528,
4.2077

■ 23.0996, 11.9600,
2.5480

■ 22.9845, 11.8236,
2.2207

Harmonies

Analogous

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



42.4167, 40.3664, 48.4010



42.6603, 40.3664, 42.1023



41.7201, 40.3664, 36.8202

Triad

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



42.6603, 40.3664, 42.1023



35.7885, 40.3664, 35.2617



36.8828, 40.3664, 56.1449

Complementary

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



42.6603, 40.3664, 42.1023



44.0457, 50.9238, 56.8004

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.



35.1987, 40.3664, 51.9503



42.6603, 40.3664, 42.1023



34.5837, 40.3664, 39.7846

Square

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



42.6603, 40.3664, 42.1023



37.7156, 40.3664, 33.1241



34.3720, 40.3664, 45.8554



39.0260, 40.3664, 56.9150

Rectangle

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



42.6603, 40.3664, 42.1023



40.5686, 40.3664, 34.4408



34.3720, 40.3664, 45.8554



36.2466, 40.3664, 55.0708

Sweetspot

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



42.6614, 40.3682, 42.1031



89.4146, 91.4524, 98.6261



44.3461, 40.8914, 57.7805



18.9751, 19.3272, 20.8114



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.



42.6614, 40.3682, 42.1031



73.7801, 67.8628, 69.7400



44.4045, 44.5794, 40.4489



10.1322, 10.1015, 10.7866



14.7884, 7.6051, 1.5316



0.6587, 0.3365, 0.1701

Inverse Universe

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



42.6614, 40.3682, 42.1031



73.7801, 67.8628, 69.7400



42.0268, 45.9908, 58.8870



10.1322, 10.1015, 10.7866



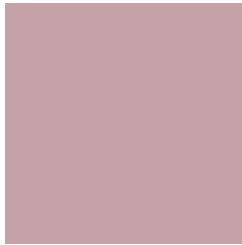
14.7884, 7.6051, 1.5316



0.6587, 0.3365, 0.1701

Previews

White Background



This preview shows how the XYZ color 42.6603, 40.3664, 42.1023 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 42.6603, 40.3664, 42.1023 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

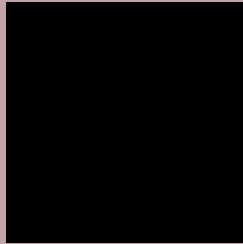
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.6603, 40.3664, 42.1023

Background



This preview shows how black text looks on a background with the XYZ color 42.6603, 40.3664, 42.1023.



This preview shows how white text looks on a background with the XYZ color 42.6603, 40.3664,

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

42.6603, 40.3664, 42.1023

Protanopia

38.9590, 40.5740, 44.3063

Deuteranopia

41.0771, 40.3548, 41.7007



Tritanopia

43.3137, 40.3772, 45.0459

Trichromacy



Original Color

42.6603, 40.3664, 42.1023

Protanomaly

40.1305, 40.3635, 43.7060

Deuteranomaly

41.6443, 40.3805, 41.6757

Tritanomaly

43.1215, 40.3003, 44.0341

Monochromacy



Original Color

42.6603, 40.3664, 42.1023

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

40.5947, 41.1400, 44.3293

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.6603, 40.3664, 42.1023 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, 162, 167)` looks like.

```
.text, #text, p{  
    color:rgb(196, 162, 167)  
}
```

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, 162, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 162, 167) }
```

Border

The CSS property to change the border of an element to XYZ 42.6603, 40.3664, 42.1023 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, 162, 167) }
```


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

```
.border{ border-color:rgb(196, 162, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 162, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 162, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 162, 167);  
box-shadow:4px 4px 4px 4px rgb(196, 162,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 42.6603, 40.3664, 42.1023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 162, 167) }
```

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

```
.background{ background-color: rgb(196,  
162, 167) }
```

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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