

Converting Colors

XYZ(42.6617, 40.6764, 44.0904)

Have a look what the booklet for
XYZ(42.6617, 40.6764, 44.0904)
contains.

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Color

**XYZ(42.6960, 40.6040,
44.1151)**

Conversions

Conversions Part 1

Format	Color
Hex	C2A3AB
RGB	194, 163, 171
RGB Percent	76%, 64%, 67%
CMY	0.2392, 0.3608, 0.3294
CMYK	0.00, 0.16, 0.12, 0.24
HSL	345°, 20%, 70%
HSV	345°, 16%, 76%
XYZ	42.6960, 40.6040, 44.1151
YIQ	173.1810, 15.9080, 9.0600

Conversions

Conversions Part 2

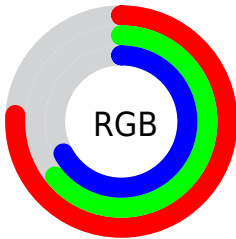
Format	Color
RYB	194, 163, 171
Decimal	12755883
CIELab	69.90, 12.68, 0.11
CIElCh	70, 12.682, 0.483
Yxy	40.6040, 0.3351, 0.3187
Android (android.graphics.Color)	4290945963 (0xFFC2A3AB)
YUV	173.1810, -1.0752, 18.2583
Hunter-Lab	63.7213, 8.0905, 3.5576

Details

The XYZ color **42.6960, 40.6040, 44.1151** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.2606, 49.9163, 53.8115**, and the grayscale version is **39.8134, 41.8868, 45.6147**.

A 20% lighter version of the original color is **78.5825, 76.1430, 82.5068**, and **19.8294, 18.2762, 19.9353** is the 20% darker color. If you saturate the color by 10%, you get **38.2140, 33.7173, 36.2162**, and if you desaturate by 10%, it is **47.8582, 48.6109, 52.9791**.

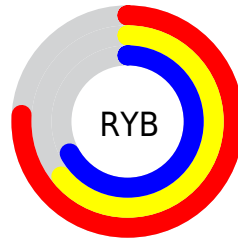
Distribution



Red (76%)

Green (64%)

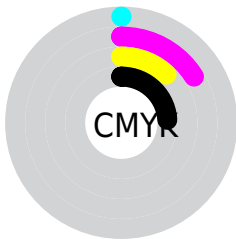
Blue (67%)



Red (76%)

Yellow (64%)

Blue (67%)

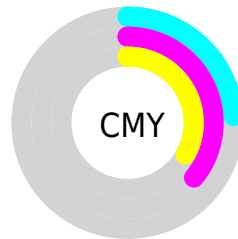


Cyan (0%)

Magenta (16%)

Yellow (12%)

Black (24%)



Cyan (24%)


Magenta (36%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.6960, 40.6040, 44.1151 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 42.6960, 40.6040, 44.1151 by changing the saturation by 10% instead.


 42.6960, 40.6040,
44.1151


 42.6960, 40.6040,
44.1151


348.3028,
348.6628, 379.2329

 29.8402, 28.0098,
30.4231


 78.5105, 76.0824,
82.6952

 19.8648, 18.3330,
19.9052

 102.1998, 99.7354,
108.4205

 12.4045, 11.1894,
12.1428


130.2311,
127.8434, 138.9939

 7.0939, 6.1943,
6.7173

162.9695,
160.7908, 174.8341

 3.5678, 2.9636,
3.2102

200.7806,
198.9621, 216.3596

 1.4606, 1.1128,
1.2029

244.0296,

 0.2988, 0.0000,

242.7416, 263.9888

0.0000

293.0819,
292.5137, 318.1404

■ 0.0000, 0.0000,
0.0000

■ 42.6960, 40.6040,
44.1151

■ 42.6960, 40.6040,
44.1151

■ 38.2140, 33.7173,
36.2162

■ 47.8582, 48.6109,
52.9791

■ 34.3800, 27.8954,
29.2465

■ 53.7241, 57.7794,
62.8369

■ 31.1641, 23.0865,
23.1721

■ 60.3204, 68.1552,
73.7195

■ 28.5331, 19.2320,
17.9554

■ 67.6714, 79.7802,
85.6556

■ 26.4501, 16.2677,
13.5566

■ 74.1825, 89.4591,
98.1335

■ 24.8741, 14.1210,
9.9320

■ 76.0583, 90.2094,
108.0112

■ 23.7579, 12.7079,
7.0339

■ 23.0429, 11.9228,
4.8077

■ 22.8251, 11.7001,
4.0784

Harmonies

Analogous

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



42.1479, 40.6040, 50.0461



42.6960, 40.6040, 44.1151



42.1125, 40.6040, 38.6958

Triad

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



42.6960, 40.6040, 44.1151



36.6158, 40.6040, 35.1274



36.6718, 40.6040, 54.8495

Complementary

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



42.6960, 40.6040, 44.1151



43.2606, 49.9163, 53.8115

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.



35.2751, 40.6040, 50.2265



42.6960, 40.6040, 44.1151



35.2436, 40.6040, 38.8478

Square

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



42.6960, 40.6040, 44.1151



38.5594, 40.6040, 33.7981



34.7614, 40.6040, 44.3067



38.6264, 40.6040, 56.5687

Rectangle

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



42.6960, 40.6040, 44.1151



41.1718, 40.6040, 36.0150



34.7614, 40.6040, 44.3067



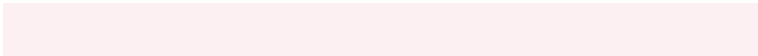
36.1240, 40.6040, 53.5644

Sweetspot

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



42.6971, 40.6058, 44.1160



87.6077, 89.4744, 97.5133



43.0211, 40.4971, 56.5886



19.0274, 19.3482, 21.0868



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.



42.6971, 40.6058, 44.1160



74.5223, 69.1984, 74.9782



43.2788, 42.9524, 40.6621



10.1775, 10.1196, 11.0251



15.0355, 7.7040, 2.8333



0.6789, 0.3446, 0.2763

Inverse Universe

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



42.6971, 40.6058, 44.1160



74.5223, 69.1984, 74.9782



42.5641, 47.1245, 57.8919



10.1775, 10.1196, 11.0251



15.0355, 7.7040, 2.8333



0.6789, 0.3446, 0.2763

Previews

White Background



This preview shows how the XYZ color 42.6960, 40.6040, 44.1151 looks on a white background.

Color Contrast Check

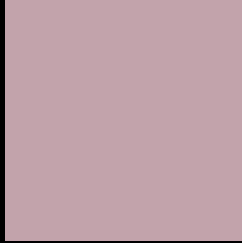
Large Text (above 18pt) WCAG AA × Fail

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 42.6960, 40.6040, 44.1151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

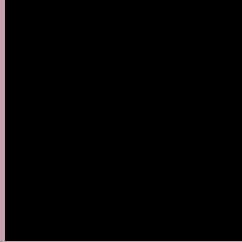
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.6960, 40.6040, 44.1151

Background



This preview shows how black text looks on a background with the XYZ color 42.6960, 40.6040, 44.1151.



This preview shows how white text looks on a background with the XYZ color 42.6960, 40.6040,

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

42.6960, 40.6040, 44.1151

Protanopia

39.3462, 40.7288, 46.3451

Deuteranopia

41.4804, 40.7775, 44.2127



Tritanopia

43.1639, 40.5379, 46.1071

Trichromacy



Original Color

42.6960, 40.6040, 44.1151

Protanomaly

40.5148, 40.5172, 45.7296

Deuteranomaly

42.0410, 40.7977, 44.1870

Tritanomaly

43.0660, 40.4988, 45.5916

Monochromacy



Original Color

42.6960, 40.6040, 44.1151

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

40.6904, 41.1782, 44.8333

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.6960, 40.6040, 44.1151 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(194, 163, 171)` looks like.

```
.text, #text, p{  
    color:rgb(194, 163, 171)  
}
```

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(194, 163, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 163, 171) }
```

Border

The CSS property to change the border of an element to XYZ 42.6960, 40.6040, 44.1151 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(194, 163, 171) }
```


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

```
.border{ border-color:rgb(194, 163, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 163, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 163, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 163, 171);  
box-shadow:4px 4px 4px 4px rgb(194, 163,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 42.6960, 40.6040, 44.1151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 163, 171) }
```

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

```
.background{ background-color: rgb(194,  
163, 171) }
```

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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