

Converting Colors

XYZ(42.4004, 41.9612, 44.9151)

Have a look what the booklet for
XYZ(42.4004, 41.9612, 44.9151)
contains.

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Color

**XYZ(42.3734, 42.0459,
44.9121)**

Conversions

Conversions Part 1

Format	Color
Hex	BCA9AC
RGB	188, 169, 172
RGB Percent	74%, 66%, 67%
CMY	0.2627, 0.3372, 0.3255
CMYK	0.00, 0.10, 0.09, 0.26
HSL	351°, 12%, 70%
HSV	351°, 10%, 74%
XYZ	42.3734, 42.0459, 44.9121
YIQ	175.0230, 10.3610, 4.9610

Conversions

Conversions Part 2

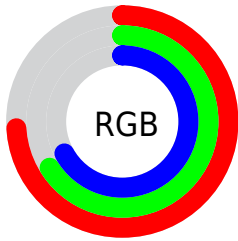
Format	Color
RYB	188, 169, 172
Decimal	12364204
CIELab	70.90, 7.38, 0.95
CIELCh	71, 7.445, 7.361
Yxy	42.0459, 0.3276, 0.3251
Android (android.graphics.Color)	4290554284 (0xFFBCA9AC)
YUV	175.0230, -1.4903, 11.3808
Hunter-Lab	64.8428, 3.1710, 4.3239

Details

The XYZ color **42.3734, 42.0459, 44.9121** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.1040, 47.9053, 52.8761**, and the grayscale version is **40.7642, 42.8871, 46.7040**.

A 20% lighter version of the original color is **77.8290, 78.0905, 83.6440**, and **19.7431, 19.2295, 20.4404** is the 20% darker color. If you saturate the color by 10%, you get **37.6931, 34.9755, 36.2909**, and if you desaturate by 10%, it is **47.7402, 50.1983, 54.6572**.

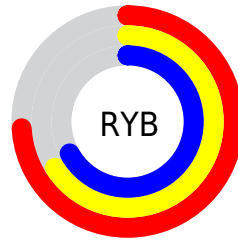
Distribution



Red (74%)

Green (66%)

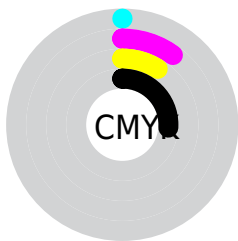
Blue (67%)



Red (74%)

Yellow (66%)

Blue (67%)

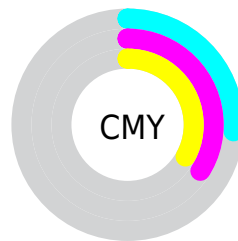


Cyan (0%)

Magenta (10%)

Yellow (9%)

Black (26%)



Cyan (26%)


Magenta (34%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.3734, 42.0459, 44.9121 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 42.3734, 42.0459, 44.9121 by changing the saturation by 10% instead.


 42.3734, 42.0459,
44.9121


 42.3734, 42.0459,
44.9121


346.9938,
354.6732, 382.5672

 29.5862, 29.1372,
31.0458


 78.0261, 78.2691,
83.9055

 19.6712, 19.1847,
20.3749


 101.6222,
102.3524, 109.8697

 12.2631, 11.8038,
12.4811


129.5520,
130.9294, 140.7036

 6.9966, 6.6102,
6.9457

162.1809,
164.3844, 176.8257

 3.5063, 3.2196,
3.3502

199.8742,
203.1019, 218.6546

 1.4268, 1.2474,
1.2761

242.9972,

 0.2752, 0.0999,

247.4663, 266.6087

0.0421

291.9153,
297.8619, 321.1068

■ 0.0000, 0.0000,
0.0000

■ 42.3734, 42.0459,
44.9121

■ 42.3734, 42.0459,
44.9121

■ 37.6931, 34.9755,
36.2909

■ 47.7402, 50.1983,
54.6572

■ 33.6681, 28.9362,
28.7504

■ 53.8160, 59.4697,
65.5619

■ 30.2700, 23.8815,
22.2485

■ 60.6268, 69.9022,
77.6637

■ 27.4668, 19.7590,
16.7394

■ 68.1961, 81.5340,
90.9976

■ 25.2238, 16.5115,
12.1739

■ 73.9392, 89.1874,
104.7281

■ 23.5027, 14.0754,
8.4983

■ 74.5492, 89.4315,
107.9406

■ 22.2601, 12.3785,
5.6536

■ 21.4454, 11.3359,
3.5734

■ 20.9692, 10.7835,
2.1816

Harmonies

Analogous

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



42.2031, 42.0459, 48.4582



42.3734, 42.0459, 44.9121



41.8873, 42.0459, 41.7633

Triad

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



42.3734, 42.0459, 44.9121



38.5348, 42.0459, 40.5682



39.0532, 42.0459, 52.3724

Complementary

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



42.3734, 42.0459, 44.9121



43.1040, 47.9053, 52.8761

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.



38.0992, 42.0459, 50.0481



42.3734, 42.0459, 44.9121



37.8043, 42.0459, 43.2040

Square

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



42.3734, 42.0459, 44.9121



39.6589, 42.0459, 39.3410



37.6465, 42.0459, 46.6607



40.2694, 42.0459, 52.8877

Rectangle

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



42.3734, 42.0459, 44.9121



41.2623, 42.0459, 40.2714



37.6465, 42.0459, 46.6607



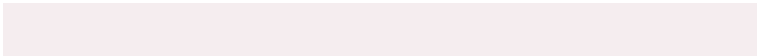
38.6919, 42.0459, 51.7711

Sweetspot

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



42.3746, 42.0478, 44.9130



83.5259, 86.4185, 93.6412



43.2338, 42.3023, 53.4639



17.7894, 18.3218, 19.8246



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.



42.3746, 42.0478, 44.9130



74.9209, 73.3640, 77.9623



43.2967, 44.3474, 43.8163



9.5899, 9.5603, 10.2294



14.2950, 7.3492, 1.5814



0.5795, 0.2957, 0.1651

Inverse Universe

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



42.3746, 42.0478, 44.9130



74.9209, 73.3640, 77.9623



42.1006, 45.3868, 54.1190



9.5899, 9.5603, 10.2294



14.2950, 7.3492, 1.5814



0.5795, 0.2957, 0.1651

Previews

White Background



This preview shows how the XYZ color 42.3734, 42.0459, 44.9121 looks on a white background.

Color Contrast Check

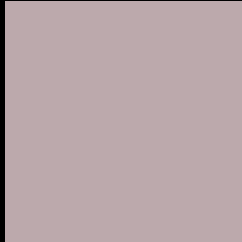
Large Text (above 18pt) WCAG AA × Fail

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 42.3734, 42.0459, 44.9121 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

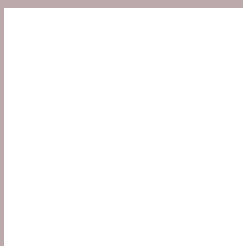
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.3734, 42.0459, 44.9121

Background



This preview shows how black text looks on a background with the XYZ color 42.3734, 42.0459, 44.9121.



This preview shows how white text looks on a background with the XYZ color 42.3734, 42.0459,

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

42.3734, 42.0459, 44.9121

Protanopia

40.4880, 42.1732, 46.0507

Deuteranopia

42.9349, 42.0602, 44.8852



Tritanopia

43.3294, 42.1603, 49.5701

Trichromacy



Original Color

42.3734, 42.0459, 44.9121

Protanomaly

41.1177, 42.2255, 45.5184

Deuteranomaly

42.6842, 41.9310, 44.8735

Tritanomaly

43.0248, 42.0384, 47.9661

Monochromacy



Original Color

42.3734, 42.0459, 44.9121

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.4059, 42.6464, 46.0937

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.3734, 42.0459, 44.9121 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(188, 169, 172)` looks like.

```
.text, #text, p{  
    color:rgb(188, 169, 172)  
}
```

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(188, 169, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 169, 172) }
```

Border

The CSS property to change the border of an element to XYZ 42.3734, 42.0459, 44.9121 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(188, 169, 172) }
```


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

```
.border{ border-color:rgb(188, 169, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 169, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 169, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 169, 172);  
box-shadow:4px 4px 4px 4px rgb(188, 169,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 42.3734, 42.0459, 44.9121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 169, 172) }
```

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

```
.background{ background-color: rgb(188,  
169, 172) }
```

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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