

Converting Colors

XYZ(42.4719, 41.7663, 44.6828)

Have a look what the booklet for
XYZ(42.4719, 41.7663, 44.6828)
contains.

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Color

**XYZ(42.4353, 41.8026,
44.8619)**

Conversions

Conversions Part 1

Format	Color
Hex	BDA8AC
RGB	189, 168, 172
RGB Percent	74%, 66%, 67%
CMY	0.2588, 0.3412, 0.3255
CMYK	0.00, 0.11, 0.09, 0.26
HSL	349°, 14%, 70%
HSV	349°, 11%, 74%
XYZ	42.4353, 41.8026, 44.8619
YIQ	174.7350, 11.2320, 5.6960

Conversions

Conversions Part 2

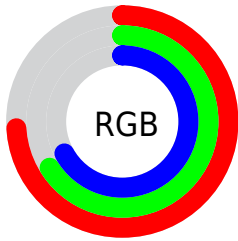
Format	Color
R _Y B	189, 168, 172
Decimal	12429484
CIE Lab	70.73, 8.29, 0.72
CIE LCh	71, 8.324, 4.960
Yxy	41.8026, 0.3287, 0.3238
Android (android.graphics.Color)	4290619564 (0xFFBDA8AC)
YUV	174.7350, -1.3484, 12.5104
Hunter-Lab	64.6549, 4.0097, 4.1191

Details

The XYZ color **42.4353, 41.8026, 44.8619** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.1046, 48.2239, 52.9375**, and the grayscale version is **40.6142, 42.7293, 46.5322**.

A 20% lighter version of the original color is **77.9090, 77.7339, 83.5709**, and **19.7889, 19.0811, 20.4093** is the 20% darker color. If you saturate the color by 10%, you get **37.8106, 34.7709, 36.4823**, and if you desaturate by 10%, it is **47.7388, 49.9200, 54.3037**.

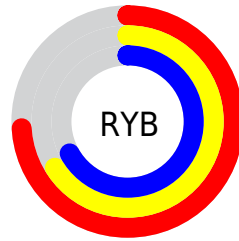
Distribution



Red (74%)

Green (66%)

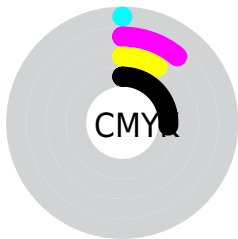
Blue (67%)



Red (74%)

Yellow (66%)

Blue (67%)

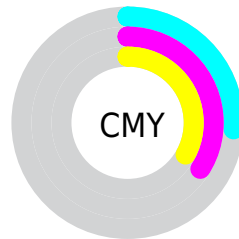


Cyan (0%)

Magenta (11%)

Yellow (9%)

Black (26%)



Cyan (26%)

Magenta (34%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.4353, 41.8026, 44.8619 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 42.4353, 41.8026, 44.8619 by changing the saturation by 10% instead.


 42.4353, 41.8026,
44.8619


 42.4353, 41.8026,
44.8619


347.2453,
353.6640, 382.3578

 29.6349, 28.9468,
31.0065


 78.1190, 77.9008,
83.8294

 19.7083, 19.0405,
20.3453


 101.7331,
101.9119, 109.7786

 12.2902, 11.6996,
12.4597


129.6824,
130.4102, 140.5961

 7.0153, 6.5395,
6.9313

162.3323,
163.7802, 176.7005

 3.5181, 3.1758,
3.3414

200.0482,
202.4061, 218.5103

 1.4333, 1.2242,
1.2715

243.1954,

 0.2797, 0.0813,

246.6725, 266.4441

0.0382

292.1393,
296.9636, 320.9204

■ 0.0000, 0.0000,
0.0000

■ 42.4353, 41.8026,
44.8619

■ 42.4353, 41.8026,
44.8619

■ 37.8106, 34.7709,
36.4823

■ 47.7388, 49.9200,
54.3037

■ 33.8336, 28.7735,
29.1249

■ 53.7434, 59.1606,
64.8405

■ 30.4762, 23.7631,
22.7511

■ 60.4748, 69.5670,
76.5071

■ 27.7066, 19.6865,
17.3185

■ 67.9565, 81.1780,
89.3358

■ 25.4902, 16.4857,
12.7821

■ 73.7695, 89.1481,
102.5439

■ 23.7889, 14.0958,
9.0927

■ 74.7965, 89.5589,
107.9522

■ 22.5593, 12.4432,
6.1964

■ 21.7507, 11.4405,
4.0325

■ 21.3046, 10.9462,
2.6572

Harmonies

Analogous

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



42.1855, 41.8026, 48.8094



42.4353, 41.8026, 44.8619



41.9472, 41.8026, 41.2980

Triad

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



42.4353, 41.8026, 44.8619



38.2307, 41.8026, 39.5664



38.6193, 41.8026, 52.7556

Complementary

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



42.4353, 41.8026, 44.8619



43.1046, 48.2239, 52.9375

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.



37.5964, 41.8026, 50.0117



42.4353, 41.8026, 44.8619



37.3757, 41.8026, 42.3740

Square

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



42.4353, 41.8026, 44.8619



39.5031, 41.8026, 38.3556



37.1462, 41.8026, 46.1763



39.9620, 41.8026, 53.5161

Rectangle

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



42.4353, 41.8026, 44.8619



41.2755, 41.8026, 39.5720



37.1462, 41.8026, 46.1763



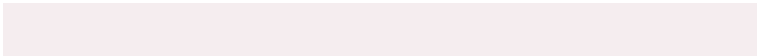
38.2277, 41.8026, 52.0272

Sweetspot

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



42.4365, 41.8044, 44.8628



83.5612, 86.4327, 93.8273



43.1486, 41.9707, 53.9717



17.7990, 18.3256, 19.8748



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.



42.4365, 41.8044, 44.8628



74.1653, 72.0692, 77.0431



43.2495, 44.0357, 43.2682



9.6024, 9.5653, 10.2952



14.3558, 7.3735, 1.9013



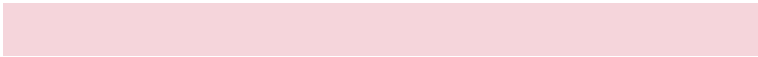
0.5850, 0.2979, 0.1939

Inverse Universe

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



42.4365, 41.8044, 44.8628



74.1653, 72.0692, 77.0431



42.2069, 45.7437, 54.7495



9.6024, 9.5653, 10.2952



14.3558, 7.3735, 1.9013



0.5850, 0.2979, 0.1939

Previews

White Background



This preview shows how the XYZ color 42.4353, 41.8026, 44.8619 looks on a white background.

Color Contrast Check

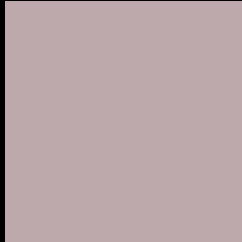
Large Text (above 18pt) WCAG AA × Fail

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 42.4353, 41.8026, 44.8619 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

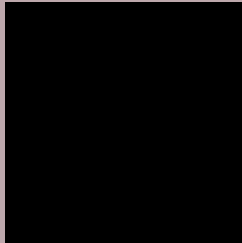
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.4353, 41.8026, 44.8619

Background



This preview shows how black text looks on a background with the XYZ color 42.4353, 41.8026, 44.8619.



This preview shows how white text looks on a background with the XYZ color 42.4353, 41.8026,

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

42.4353, 41.8026, 44.8619

Protanopia

40.2970, 41.7911, 45.9870

Deuteranopia

42.6842, 41.9310, 44.8735



Tritanopia

43.2921, 41.8799, 48.9819

Trichromacy



Original Color

42.4353, 41.8026, 44.8619

Protanomaly

41.1618, 41.9667, 45.4661

Deuteranomaly

42.6842, 41.9310, 44.8735

Tritanomaly

42.9897, 41.7589, 47.3894

Monochromacy



Original Color

42.4353, 41.8026, 44.8619

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.2149, 42.2643, 46.0300

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.4353, 41.8026, 44.8619 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(189, 168, 172)` looks like.

```
.text, #text, p{  
    color:rgb(189, 168, 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(189, 168, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 168, 172) }
```

Border

The CSS property to change the border of an element to XYZ 42.4353, 41.8026, 44.8619 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(189, 168, 172) }
```


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

```
.border{ border-color:rgb(189, 168, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 168, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 168, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 168, 172);  
box-shadow:4px 4px 4px 4px rgb(189, 168,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 42.4353, 41.8026, 44.8619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 168, 172) }
```

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

```
.background{ background-color: rgb(189,  
168, 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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