

Converting Colors

XYZ(42.6979, 41.9208, 46.2636)

Have a look what the booklet for
XYZ(42.6979, 41.9208, 46.2636)
contains.

XYZ(42.7268, 41.9192, 46.3967)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(42.7268, 41.9192,
46.3967)**

Conversions

Conversions Part 1

Format	Color
Hex	BDA8AF
RGB	189, 168, 175
RGB Percent	74%, 66%, 69%
CMY	0.2588, 0.3412, 0.3137
CMYK	0.00, 0.11, 0.07, 0.26
HSL	340°, 14%, 70%
HSV	340°, 11%, 74%
XYZ	42.7268, 41.9192, 46.3967
YIQ	175.0770, 10.2690, 6.6290

Conversions

Conversions Part 2

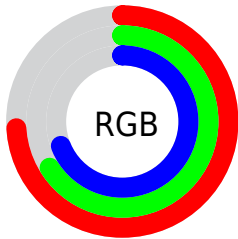
Format	Color
RYB	189, 168, 175
Decimal	12429487
CIELab	70.82, 8.82, -0.82
CIELCh	71, 8.857, 354.691
Yxy	41.9192, 0.3261, 0.3199
Android (android.graphics.Color)	4290619567 (0xFFBDA8AF)
YUV	175.0770, -0.0380, 12.2105
Hunter-Lab	64.7450, 4.4926, 2.8339

Details

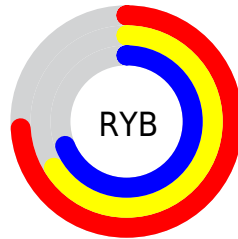
The XYZ color **42.7268, 41.9192, 46.3967** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.7912, 48.0986, 51.2870**, and the grayscale version is **40.7848, 42.9088, 46.7277**.

A 20% lighter version of the original color is **78.3268, 77.9010, 85.7710**, and **19.9739, 19.1551, 21.3835** is the 20% darker color. If you saturate the color by 10%, you get **38.3077, 34.9697, 39.0995**, and if you desaturate by 10%, it is **47.7710, 49.9329, 54.4732**.

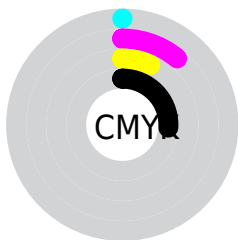
Distribution



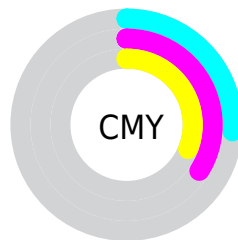
- Red (74%)
- Green (66%)
- Blue (69%)



- Red (74%)
- Yellow (66%)
- Blue (69%)



- Cyan (0%)
- Magenta (11%)
- Yellow (7%)
- Black (26%)





- Cyan (26%)
- Magenta (34%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.7268, 41.9192, 46.3967 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 42.7268, 41.9192, 46.3967 by changing the saturation by 10% instead.


 42.7268, 41.9192,
46.3967


 42.7268, 41.9192,
46.3967


348.4276,
354.1479, 388.7250

 29.8644, 29.0380,
32.2081


 78.5567, 78.0773,
86.1529

 19.8833, 19.1096,
21.2543


 102.2549,
102.1231, 112.5576

 12.4180, 11.7495,
13.1170


130.2958,
130.6591, 143.8713

 7.1032, 6.5733,
7.3775

163.0447,
164.0699, 180.5126

 3.5736, 3.1967,
3.6173

200.8670,
202.7397, 222.9001

 1.4639, 1.2353,
1.4178

244.1280,

 0.3011, 0.0902,

247.0531, 271.4524

0.1556

293.1931,
297.3943, 326.5878

■ 0.0000, 0.0000,
0.0000

■ 42.7268, 41.9192,
46.3967

■ 42.7268, 41.9192,
46.3967

■ 38.3077, 34.9697,
39.0995

■ 47.7710, 49.9329,
54.4732

■ 34.4851, 29.0341,
32.5551

■ 53.4602, 59.0473,
63.3490

■ 31.2336, 24.0661,
26.7394

■ 59.8178, 69.3042,
73.0469

■ 28.5245, 20.0137,
21.6256

■ 66.8650, 80.7414,
83.5878

■ 26.3265, 16.8202,
17.1857

■ 72.1809, 88.5127,
94.1780

■ 24.6048, 14.4222,
13.3890

■ 74.0983, 89.2796,
104.2749

■ 23.3201, 12.7475,
10.2026

■ 74.7966, 89.5590,
107.9522

■ 22.4263, 11.7107,
7.5897

■ 21.8832, 11.1776,
5.7039

Harmonies

Analogous

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



42.1965, 41.9192, 50.4879



42.7268, 41.9192, 46.3967



42.4691, 41.9192, 42.3413

Triad

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



42.7268, 41.9192, 46.3967



38.6728, 41.9192, 38.6700



38.2300, 41.9192, 52.5791

Complementary

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



42.7268, 41.9192, 46.3967



42.7912, 48.0986, 51.2870

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.



37.3274, 41.9192, 49.1117



42.7268, 41.9192, 46.3967



37.5786, 41.9192, 41.1182

Square

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



42.7268, 41.9192, 46.3967



40.1053, 41.9192, 38.0413



37.0919, 41.9192, 44.8973



39.5817, 41.9192, 54.1951

Rectangle

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



42.7268, 41.9192, 46.3967



41.8882, 41.9192, 40.1785



37.0919, 41.9192, 44.8973



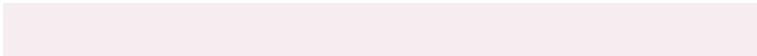
37.8654, 41.9192, 51.5815

Sweetspot

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



42.7280, 41.9210, 46.3976



83.7166, 86.4948, 94.6456



42.4808, 41.6264, 53.9405



17.8409, 18.3424, 20.0956



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.



42.7280, 41.9210, 46.3976



74.7724, 72.3120, 80.2399



42.7131, 42.9628, 43.0894



9.6578, 9.5874, 10.5869



14.7556, 7.5334, 4.0065



0.6090, 0.3075, 0.3201

Inverse Universe

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



42.7280, 41.9210, 46.3976



74.7724, 72.3120, 80.2399



42.7889, 46.9077, 54.9437



9.6578, 9.5874, 10.5869



14.7556, 7.5334, 4.0065



0.6090, 0.3075, 0.3201

Previews

White Background



This preview shows how the XYZ color 42.7268, 41.9192, 46.3967 looks on a white background.

Color Contrast Check

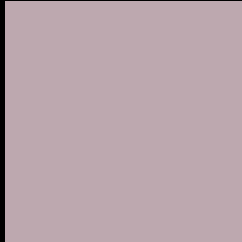
Large Text (above 18pt) WCAG AA × Fail

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 42.7268, 41.9192, 46.3967 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

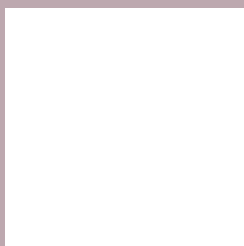
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.7268, 41.9192, 46.3967

Background



This preview shows how black text looks on a background with the XYZ color 42.7268, 41.9192, 46.3967.



This preview shows how white text looks on a background with the XYZ color 42.7268, 41.9192,

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

42.7268, 41.9192, 46.3967

Protanopia

40.4676, 41.8334, 48.0613

Deuteranopia

42.7268, 41.9192, 46.3967



Tritanopia

43.2921, 41.8799, 48.9819

Trichromacy



Original Color

42.7268, 41.9192, 46.3967

Protanomaly

41.3211, 42.0034, 47.5246

Deuteranomaly

42.7268, 41.9192, 46.3967

Tritanomaly

43.0898, 41.7989, 47.9164

Monochromacy



Original Color

42.7268, 41.9192, 46.3967

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.3128, 42.3035, 46.5454

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.7268, 41.9192, 46.3967 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, 175)` looks like.

```
.text, #text, p{  
    color:rgb(189, 168, 175)  
}
```

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, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 168, 175) }
```

Border

The CSS property to change the border of an element to XYZ 42.7268, 41.9192, 46.3967 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, 175) }
```


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

```
.border{ border-color:rgb(189, 168, 175) }
```

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, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 168, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 168, 175);  
box-shadow:4px 4px 4px 4px rgb(189, 168,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 42.7268, 41.9192, 46.3967 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, 175) }
```

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

```
.background{ background-color: rgb(189,  
168, 175) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor