

Converting Colors

XYZ(42.1006, 41.3459, 45.2968)

Have a look what the booklet for
XYZ(42.1006, 41.3459, 45.2968)
contains.

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Color

**XYZ(42.1006, 41.3459,
45.2968)**

Conversions

Conversions Part 1

Format	Color
Hex	BCA7AD
RGB	188, 167, 173
RGB Percent	74%, 65%, 68%
CMY	0.2627, 0.3451, 0.3216
CMYK	0.00, 0.11, 0.08, 0.26
HSL	343°, 14%, 70%
HSV	343°, 11%, 74%
XYZ	42.1006, 41.3459, 45.2968
YIQ	173.9630, 10.5900, 6.3180

Conversions

Conversions Part 2

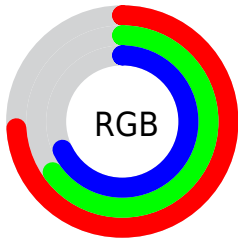
Format	Color
RYB	188, 167, 173
Decimal	12363693
CIELab	70.42, 8.65, -0.31
CIELCh	70, 8.658, 357.973
Yxy	41.3459, 0.3270, 0.3211
Android (android.graphics.Color)	4290553773 (0xFFBCA7AD)
YUV	173.9630, -0.4748, 12.3104
Hunter-Lab	64.3008, 4.3456, 3.2436

Details

The XYZ color **42.1006, 41.3459, 45.2968** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.3647, 47.5605, 51.2055**, and the grayscale version is **40.2126, 42.3068, 46.0721**.

A 20% lighter version of the original color is **77.4331, 77.0771, 84.1950**, and **19.5736, 18.7928, 20.6849** is the 20% darker color. If you saturate the color by 10%, you get **37.6689, 34.4585, 37.7269**, and if you desaturate by 10%, it is **47.1660, 49.2906, 53.7236**.

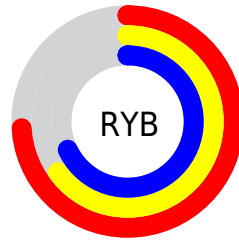
Distribution



Red (74%)

Green (65%)

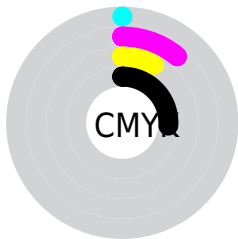
Blue (68%)



Red (74%)

Yellow (65%)

Blue (68%)

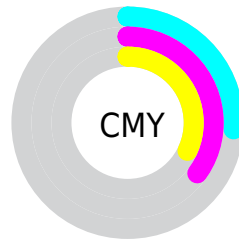


Cyan (0%)

Magenta (11%)

Yellow (8%)

Black (26%)



Cyan (26%)


Magenta (35%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.1006, 41.3459, 45.2968 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 42.1006, 41.3459, 45.2968 by changing the saturation by 10% instead.


 42.1006, 41.3459,
45.2968


 42.1006, 41.3459,
45.2968


345.8843,
351.7642, 384.1694

 29.3715, 28.5895,
31.3466

 77.6161, 77.2087,
84.4888

 19.5077, 18.7705,
20.6023


 101.1332,
101.0839, 110.5677

 12.1439, 11.5045,
12.6452


128.9770,
129.4340, 141.5265

 6.9147, 6.4073,
7.0568

161.5129,
162.6437, 177.7839

 3.4546, 3.0943,
3.4187

199.1062,
201.0971, 219.7583

 1.3985, 1.1812,
1.3122

242.1223,

 0.2552, 0.0462,

245.1787, 267.8684

0.0717

290.9266,
295.2730, 322.5325

■ 0.0000, 0.0000,
0.0000

■ 42.1006, 41.3459,
45.2968

■ 42.1006, 41.3459,
45.2968

■ 37.6689, 34.4585,
37.7269

■ 47.1660, 49.2906,
53.7236

■ 33.8421, 28.5784,
30.9837

■ 52.8854, 58.3289,
63.0306

■ 30.5942, 23.6596,
25.0394

■ 59.2827, 68.5024,
73.2438

■ 27.8960, 19.6505,
19.8633

■ 66.3795, 79.8486,
84.3871

■ 25.7157, 16.4945,
15.4227

■ 72.2504, 88.5120,
95.8349

■ 24.0180, 14.1289,
11.6824

■ 74.3223, 89.3407,
106.7452

■ 22.7631, 12.4818,
8.6041

■ 74.5493, 89.4315,
107.9406

■ 21.9040, 11.4683,
6.1450

■ 21.3980, 10.9550,
4.4393

Harmonies

Analogous

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



41.6672, 41.3459, 49.3100



42.1006, 41.3459, 45.2968



41.7681, 41.3459, 41.4371

Triad

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



42.1006, 41.3459, 45.2968



38.0267, 41.3459, 38.4374



37.8627, 41.3459, 52.0050

Complementary

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



42.1006, 41.3459, 45.2968



42.3647, 47.5605, 51.2055

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.



36.9273, 41.3459, 48.8009



42.1006, 41.3459, 45.2968



37.0204, 41.3459, 40.9838

Square

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



42.1006, 41.3459, 45.2968



39.3950, 41.3459, 37.6225



36.6227, 41.3459, 44.7417



39.2012, 41.3459, 53.3256

Rectangle

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



42.1006, 41.3459, 45.2968



41.1612, 41.3459, 39.4372



36.6227, 41.3459, 44.7417



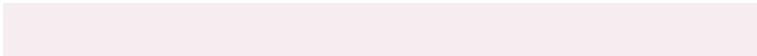
37.4919, 41.3459, 51.1034

Sweetspot

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



42.1018, 41.3477, 45.2977



83.6647, 86.4741, 94.3723



42.1179, 41.1788, 53.3060



17.8269, 18.3367, 20.0218



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.



42.1018, 41.3477, 45.2977



74.5682, 72.2304, 79.1648



42.3162, 42.6845, 42.5700



9.6392, 9.5800, 10.4891



14.5969, 7.4699, 3.1708



0.6010, 0.3043, 0.2780

Inverse Universe

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



42.1018, 41.3477, 45.2977



74.5682, 72.2304, 79.1648



42.1138, 46.0455, 54.2456



9.6392, 9.5800, 10.4891



14.5969, 7.4699, 3.1708



0.6010, 0.3043, 0.2780

Previews

White Background



This preview shows how the XYZ color 42.1006, 41.3459, 45.2968 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 42.1006, 41.3459, 45.2968 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

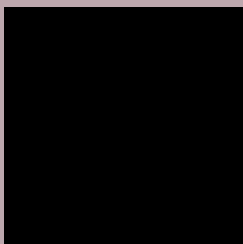
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.1006, 41.3459, 45.2968

Background



This preview shows how black text looks on a background with the XYZ color 42.1006, 41.3459, 45.2968.



This preview shows how white text looks on a background with the XYZ color 42.1006, 41.3459,

45.2968.

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

42.1006, 41.3459, 45.2968

Protanopia

39.8549, 41.2591, 46.9375

Deuteranopia

42.1006, 41.3459, 45.2968



Tritanopia

42.7592, 41.3459, 48.3747

Trichromacy



Original Color

42.1006, 41.3459, 45.2968

Protanomaly

40.7030, 41.4283, 46.4086

Deuteranomaly

42.1006, 41.3459, 45.2968

Tritanomaly

42.5583, 41.2656, 47.3170

Monochromacy



Original Color

42.1006, 41.3459, 45.2968

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.7933, 41.7655, 45.9559

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.1006, 41.3459, 45.2968 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, 167, 173)` looks like.

```
.text, #text, p{  
    color:rgb(188, 167, 173)  
}
```

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, 167, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 167, 173) }
```

Border

The CSS property to change the border of an element to XYZ 42.1006, 41.3459, 45.2968 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, 167, 173) }
```


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

```
.border{ border-color:rgb(188, 167, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 167, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 167, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 167, 173);  
box-shadow:4px 4px 4px 4px rgb(188, 167,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 42.1006, 41.3459, 45.2968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 167, 173) }
```

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

```
.background{ background-color: rgb(188,  
167, 173) }
```

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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