

Converting Colors

XYZ(43.1250, 43.2789, 49.5028)

Have a look what the booklet for
XYZ(43.1250, 43.2789, 49.5028)
contains.

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Color

**XYZ(42.9983, 43.1146,
49.2357)**

Conversions

Conversions Part 1

Format	Color
Hex	B9ACB4
RGB	185, 172, 180
RGB Percent	73%, 67%, 71%
CMY	0.2745, 0.3255, 0.2941
CMYK	0.00, 0.07, 0.03, 0.27
HSL	323°, 8%, 70%
HSV	323°, 7%, 73%
XYZ	42.9983, 43.1146, 49.2357
YIQ	176.7990, 5.1800, 5.2440

Conversions

Conversions Part 2

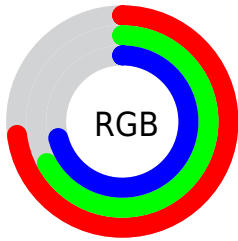
Format	Color
RYB	185, 172, 180
Decimal	12168372
CIELab	71.63, 6.10, -2.42
CIELCh	72, 6.567, 338.383
Yxy	43.1146, 0.3177, 0.3185
Android (android.graphics.Color)	4290358452 (0xFFB9ACB4)
YUV	176.7990, 1.5781, 7.1923
Hunter-Lab	65.6617, 1.9820, 1.5053

Details

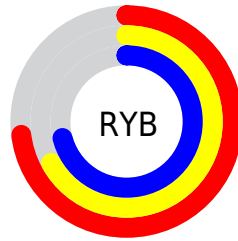
The XYZ color **42.9983, 43.1146, 49.2357** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.2996, 46.6440, 48.3710**, and the grayscale version is **41.6756, 43.8460, 47.7483**.

A 20% lighter version of the original color is **78.8850, 79.6951, 90.5819**, and **20.0630, 19.8708, 22.8567** is the 20% darker color. If you saturate the color by 10%, you get **39.0134, 36.2750, 44.4219**, and if you desaturate by 10%, it is **47.5131, 50.9532, 54.4108**.

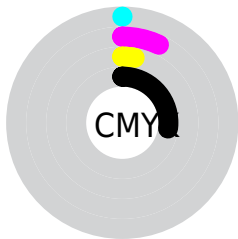
Distribution



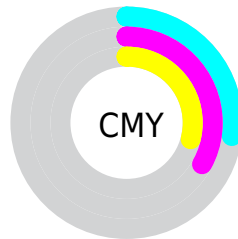
- Red (73%)
- Green (67%)
- Blue (71%)



- Red (73%)
- Yellow (67%)
- Blue (71%)



- Cyan (0%)
- Magenta (7%)
- Yellow (3%)
- Black (27%)



- Cyan (27%)
- Magenta (33%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.9983, 43.1146, 49.2357 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 42.9983, 43.1146, 49.2357 by changing the saturation by 10% instead.

■ 42.9983, 43.1146,
49.2357

■ 42.9983, 43.1146,
49.2357

349.5264,
359.0828, 400.3186

■ 30.0783, 29.9750,
34.4396

■ 78.9640, 79.8838,
90.4260

■ 20.0464, 19.8196,
22.9514

102.7405,
104.2822, 117.6573

■ 12.5372, 12.2640,
14.3527

130.8664,
133.2023, 149.8707

■ 7.1855, 6.9237,
8.2248

163.7072,
167.0286, 187.4848

■ 3.6257, 3.4145,
4.1493

201.6283,
206.1454, 230.9181

■ 1.4926, 1.3517,
1.7076

244.9949,

■ 0.3208, 0.1807,

250.9371, 280.5891

0.3659

294.1725,
301.7881, 336.9164

■ 0.0000, 0.0000,
0.0000

■ 42.9983, 43.1146,
49.2357

■ 42.9983, 43.1146,
49.2357

■ 39.0134, 36.2750,
44.4219

■ 47.5131, 50.9532,
54.4108

■ 35.5340, 30.3882,
39.9571

■ 52.5735, 59.8232,
59.9537

■ 32.5392, 25.4128,
35.8320

■ 58.1993, 69.7627,
65.8741

■ 30.0052, 21.3022,
32.0358

■ 64.4081, 80.8061,
72.1803

■ 27.9062, 18.0057,
28.5571

■ 68.1091, 86.7709,
77.8446

■ 26.2136, 15.4670,
25.3832

■ 69.0472, 87.1462,
82.7845

■ 24.8952, 13.6229,
22.5004

■ 70.0256, 87.5375,
87.9367

■ 23.9137, 12.3995,
19.8930

■ 71.0448, 87.9452,
93.3038

■ 23.2169, 11.6936,
17.5404

■ 72.1053, 88.3694,
98.8883

Harmonies

Analogous

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



42.3205, 43.1146, 51.9078



42.9983, 43.1146, 49.2357



43.1301, 43.1146, 46.0578

Triad

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



42.9983, 43.1146, 49.2357



40.6684, 43.1146, 41.1457



39.3265, 43.1146, 50.8484

Complementary

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



42.9983, 43.1146, 49.2357



42.2996, 46.6440, 48.3710

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.



38.9009, 43.1146, 47.8424



42.9983, 43.1146, 49.2357



39.6664, 43.1146, 42.3081

Square

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



42.9983, 43.1146, 49.2357



41.7715, 43.1146, 41.4810



39.0242, 43.1146, 44.7254



40.1968, 43.1146, 52.8678

Rectangle

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



42.9983, 43.1146, 49.2357



42.8883, 43.1146, 44.0946



39.0242, 43.1146, 44.7254



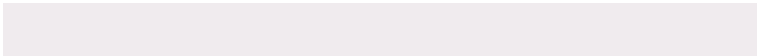
39.1275, 43.1146, 49.9146

Sweetspot

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



42.9995, 43.1165, 49.2366



80.9263, 84.0002, 92.7262



41.6388, 42.3551, 51.8803



17.4646, 18.1409, 20.0111



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



42.9995, 43.1165, 49.2366



76.1758, 75.7793, 87.1966



42.3545, 42.8585, 45.8400



9.2305, 9.1026, 10.5614



15.7213, 7.8623, 11.6852



0.5835, 0.2889, 0.5660

Inverse Universe

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



42.9995, 43.1165, 49.2366



76.1758, 75.7793, 87.1966



42.9612, 46.9086, 51.8547



9.2305, 9.1026, 10.5614



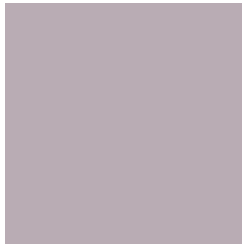
15.7213, 7.8623, 11.6852



0.5835, 0.2889, 0.5660

Previews

White Background



This preview shows how the XYZ color 42.9983, 43.1146, 49.2357 looks on a white background.

Color Contrast Check

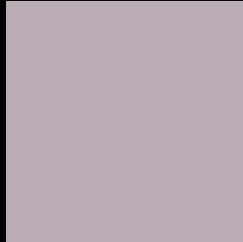
Large Text (above 18pt) WCAG AA × Fail

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 42.9983, 43.1146, 49.2357 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

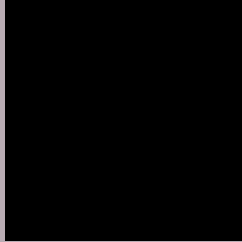
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.9983, 43.1146, 49.2357

Background



This preview shows how black text looks on a background with the XYZ color 42.9983, 43.1146, 49.2357.



This preview shows how white text looks on a background with the XYZ color 42.9983, 43.1146,

49.2357.

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

42.9983, 43.1146, 49.2357

Protanopia

41.8019, 43.3433, 49.8789

Deuteranopia

43.8481, 42.9919, 49.1672



Tritanopia

43.5696, 43.0677, 51.9155

Trichromacy



Original Color

42.9983, 43.1146, 49.2357

Protanomaly

42.2989, 43.3116, 49.8466

Deuteranomaly

43.5402, 43.1125, 49.2067

Tritanomaly

43.3599, 42.9838, 50.8111

Monochromacy



Original Color

42.9983, 43.1146, 49.2357

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

42.1882, 43.5776, 48.3072

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.9983, 43.1146, 49.2357 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(185, 172, 180)` looks like.

```
.text, #text, p{  
    color:rgb(185, 172, 180)  
}
```

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(185, 172, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 172, 180) }
```

Border

The CSS property to change the border of an element to XYZ 42.9983, 43.1146, 49.2357 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(185, 172, 180) }
```


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

```
.border{ border-color:rgb(185, 172, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 172, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 172, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 172, 180);  
box-shadow:4px 4px 4px 4px rgb(185, 172,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 42.9983, 43.1146, 49.2357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 172, 180) }
```

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

```
.background{ background-color: rgb(185,  
172, 180) }
```

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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