

Converting Colors

XYZ(41.5415, 42.1997, 45.7852)

Have a look what the booklet for
XYZ(41.5415, 42.1997, 45.7852)
contains.

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Color

**XYZ(41.4943, 42.1269,
45.9887)**

Conversions

Conversions Part 1

Format	Color
Hex	B6ABAE
RGB	182, 171, 174
RGB Percent	71%, 67%, 68%
CMY	0.2863, 0.3294, 0.3176
CMYK	0.00, 0.06, 0.04, 0.29
HSL	344°, 7%, 69%
HSV	344°, 6%, 71%
XYZ	41.4943, 42.1269, 45.9887
YIQ	174.6310, 5.5930, 3.2650

Conversions

Conversions Part 2

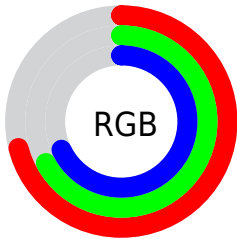
Format	Color
RYB	182, 171, 174
Decimal	11971502
CIELab	70.96, 4.48, -0.13
CIELCh	71, 4.485, 358.336
Yxy	42.1269, 0.3201, 0.3250
Android (android.graphics.Color)	4290161582 (0xFFB6ABAE)
YUV	174.6310, -0.3111, 6.4626
Hunter-Lab	64.9052, 0.5319, 3.4237

Details

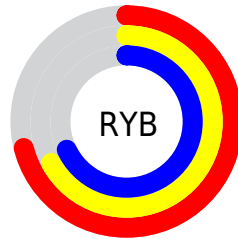
The XYZ color **41.4943, 42.1269, 45.9887** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.6608, 45.3696, 49.2115**, and the grayscale version is **40.5574, 42.6696, 46.4672**.

A 20% lighter version of the original color is **76.5991, 78.2270, 85.1909**, and **19.1629, 19.2659, 21.1211** is the 20% darker color. If you saturate the color by 10%, you get **37.0628, 35.2284, 38.4541**, and if you desaturate by 10%, it is **46.5288, 50.0267, 54.3531**.

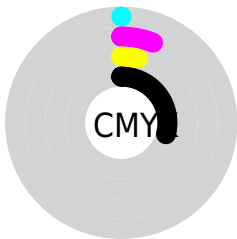
Distribution



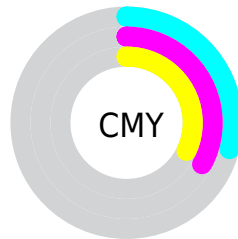
- Red (71%)
- Green (67%)
- Blue (68%)



- Red (71%)
- Yellow (67%)
- Blue (68%)



- Cyan (0%)
- Magenta (6%)
- Yellow (4%)
- Black (29%)



- Cyan (29%)
- Magenta (33%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.4943, 42.1269, 45.9887 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 41.4943, 42.1269, 45.9887 by changing the saturation by 10% instead.

■ 41.4943, 42.1269,
45.9887

■ 41.4943, 42.1269,
45.9887

343.4097,
355.0087, 387.0395

■ 28.8949, 29.2007,
31.8883

■ 76.7037, 78.3916,
85.5362

■ 19.1452, 19.2327,
21.0121

100.0443,
102.4990, 111.8204

■ 11.8799, 11.8385,
12.9415

127.6962,
131.1021, 143.0029

■ 6.7336, 6.6338,
7.2580

160.0245,
164.5854, 179.5023

■ 3.3409, 3.2342,
3.5431

197.3946,
203.3333, 221.7371

■ 1.3365, 1.2552,
1.3782

240.1720,

■ 0.2103, 0.1061,

247.7303, 270.1259

0.1246

288.7219,
298.1606, 325.0872

■ 0.0000, 0.0000,
0.0000

■ 41.4943, 42.1269,
45.9887

■ 41.4943, 42.1269,
45.9887

■ 37.0628, 35.2284,
38.4541

■ 46.5288, 50.0267,
54.3531

■ 33.2079, 29.2859,
31.7209

■ 52.1844, 58.9599,
63.5692

■ 29.9064, 24.2584,
25.7630

■ 58.4828, 68.9640,
73.6614

■ 27.1321, 20.1003,
20.5518

■ 65.4436, 80.0732,
84.6522

■ 24.8567, 16.7616,
16.0568

■ 70.8099, 87.7685,
95.8049

■ 23.0492, 14.1874,
12.2454

■ 72.8519, 88.5853,
106.5578

■ 21.6749, 12.3161,
9.0823

■ 73.1017, 88.6852,
107.8728

■ 20.6938, 11.0762,
6.5287

■ 20.0556, 10.3759,
4.5399

Harmonies

Analogous

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



41.2762, 42.1269, 48.0640



41.4943, 42.1269, 45.9887



41.3188, 42.1269, 43.9429

Triad

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



41.4943, 42.1269, 45.9887



39.3620, 42.1269, 42.3405



39.2906, 42.1269, 49.4625

Complementary

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



41.4943, 42.1269, 45.9887



41.6608, 45.3696, 49.2115

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.



38.7885, 42.1269, 47.8506



41.4943, 42.1269, 45.9887



38.8294, 42.1269, 43.7420

Square

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



41.4943, 42.1269, 45.9887



40.0821, 42.1269, 41.8763



38.6208, 42.1269, 45.7496



39.9986, 42.1269, 50.1079

Rectangle

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



41.4943, 42.1269, 45.9887



41.0034, 42.1269, 42.8621



38.6208, 42.1269, 45.7496



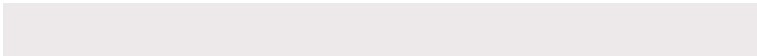
39.0925, 42.1269, 49.0134

Sweetspot

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



41.4955, 42.1287, 45.9896



78.7546, 81.8962, 89.2725



41.5713, 42.0750, 50.1868



17.4155, 18.1213, 19.7525



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.



41.4955, 42.1287, 45.9896



74.3134, 74.9459, 81.8360



41.6607, 42.9214, 44.6192



9.2977, 9.3560, 10.2169



14.0483, 7.1931, 2.8752



0.5221, 0.2643, 0.2430

Inverse Universe

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



41.4955, 42.1287, 45.9896



74.3134, 74.9459, 81.8360



41.4835, 44.5245, 50.6642



9.2977, 9.3560, 10.2169



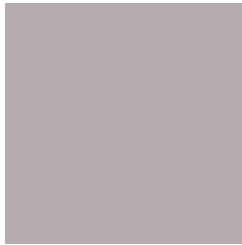
14.0483, 7.1931, 2.8752



0.5221, 0.2643, 0.2430

Previews

White Background



This preview shows how the XYZ color 41.4943, 42.1269, 45.9887 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 41.4943, 42.1269, 45.9887 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

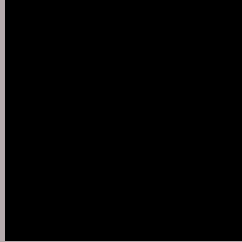
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.4943, 42.1269, 45.9887

Background



This preview shows how black text looks on a background with the XYZ color 41.4943, 42.1269, 45.9887.



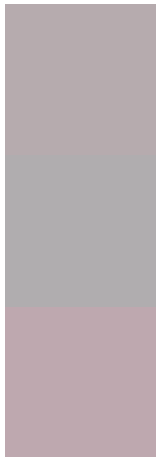
This preview shows how white text looks on a background with the XYZ color 41.4943, 42.1269,

45.9887.

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

41.4943, 42.1269, 45.9887

Protanopia

40.5859, 42.2124, 46.5661

Deuteranopia

42.9757, 42.0476, 46.4084



Tritanopia

42.4504, 42.2356, 50.7147

Trichromacy



Original Color

41.4943, 42.1269, 45.9887

Protanomaly

40.8505, 42.0652, 46.5238

Deuteranomaly

42.4193, 42.0359, 46.4354

Tritanomaly

42.1414, 42.1120, 49.0874

Monochromacy



Original Color

41.4943, 42.1269, 45.9887

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.2340, 42.8322, 46.6516

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.4943, 42.1269, 45.9887 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(182, 171, 174)` looks like.

```
.text, #text, p{  
    color:rgb(182, 171, 174)  
}
```

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(182, 171, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 171, 174) }
```

Border

The CSS property to change the border of an element to XYZ 41.4943, 42.1269, 45.9887 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(182, 171, 174) }
```


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

```
.border{ border-color:rgb(182, 171, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 171, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 171, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 171, 174);  
box-shadow:4px 4px 4px 4px rgb(182, 171,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 41.4943, 42.1269, 45.9887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 171, 174) }
```

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

```
.background{ background-color: rgb(182,  
171, 174) }
```

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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