

Converting Colors

XYZ(42.4858, 43.8426, 46.4882)

Have a look what the booklet for
XYZ(42.4858, 43.8426, 46.4882)
contains.

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Color

**XYZ(42.4984, 43.7832,
46.2555)**

Conversions

Conversions Part 1

Format	Color
Hex	B7AFAE
RGB	183, 175, 174
RGB Percent	72%, 69%, 68%
CMY	0.2823, 0.3137, 0.3176
CMYK	0.00, 0.04, 0.05, 0.28
HSL	7°, 6%, 70%
HSV	7°, 5%, 72%
XYZ	42.4984, 43.7832, 46.2555
YIQ	177.2780, 5.0890, 1.3850

Conversions

Conversions Part 2

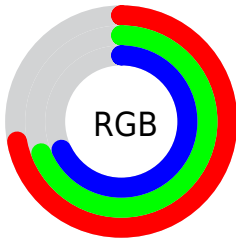
Format	Color
RYB	183, 175, 174
Decimal	12038062
CIELab	72.08, 2.67, 1.52
CIELCh	72, 3.071, 29.659
Yxy	43.7832, 0.3207, 0.3303
Android (android.graphics.Color)	4290228142 (0xFFB7AFAE)
YUV	177.2780, -1.6161, 5.0182
Hunter-Lab	66.1689, -1.1500, 4.8714

Details

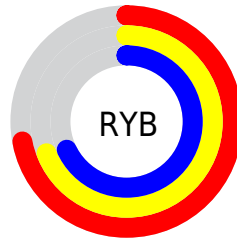
The XYZ color **42.4984, 43.7832, 46.2555** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.7307, 45.8728, 51.4025**, and the grayscale version is **41.9434, 44.1278, 48.0551**.

A 20% lighter version of the original color is **78.3154, 81.1597, 85.6665**, and **19.8017, 20.3169, 21.2902** is the 20% darker color. If you saturate the color by 10%, you get **37.8583, 37.1659, 36.4984**, and if you desaturate by 10%, it is **47.7652, 51.2638, 57.4218**.

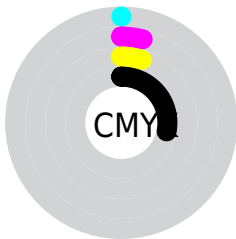
Distribution



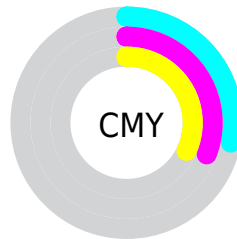
- Red (72%)
- Green (69%)
- Blue (68%)



- Red (72%)
- Yellow (69%)
- Blue (68%)



- Cyan (0%)
- Magenta (4%)
- Yellow (5%)
- Black (28%)



- Cyan (28%)
- Magenta (31%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.4984, 43.7832, 46.2555 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 42.4984, 43.7832, 46.2555 by changing the saturation by 10% instead.

■ 42.4984, 43.7832,
46.2555

■ 42.4984, 43.7832,
46.2555

347.5014,
361.8228, 388.1423

■ 29.6846, 30.5001,
32.0974

■ 78.2138, 80.8914,
85.9396

■ 19.7462, 20.2185,
21.1704

101.8461,
105.4853, 112.3026

■ 12.3179, 12.5540,
13.0562

129.8153,
134.6183, 143.5709

■ 7.0343, 7.1221,
7.3361

162.4866,
168.6747, 180.1632

■ 3.5301, 3.5386,
3.5915

200.2256,
208.0390, 222.4980

■ 1.4399, 1.4190,
1.4040

243.3975,

■ 0.2844, 0.2306,

253.0955, 270.9937

0.1449

292.3676,
304.2287, 326.0689

■ 0.0000, 0.0000,
0.0000

■ 42.4984, 43.7832,
46.2555

■ 42.4984, 43.7832,
46.2555

■ 37.8583, 37.1659,
36.4984

■ 47.7652, 51.2638,
57.4218

■ 33.8180, 31.3753,
28.0917

■ 53.6769, 59.6312,
70.0473

■ 30.3540, 26.3806,
20.9767

■ 60.2559, 68.9152,
84.1829

■ 27.4398, 22.1469,
15.0894

■ 67.5220, 79.1426,
99.8762

■ 25.0471, 18.6368,
10.3600

■ 73.3387, 88.8074,
107.8839

■ 23.1447, 15.8097,
6.7122

■ 21.6983, 13.6208,
4.0599

■ 20.6689, 12.0201,
2.3044

■ 20.0107, 10.9500,
1.3259

Harmonies

Analogous

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



42.6327, 43.7832, 47.6897



42.4984, 43.7832, 46.2555



42.1269, 43.7832, 45.2196

Triad

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



42.4984, 43.7832, 46.2555



40.7491, 43.7832, 46.2263



41.6086, 43.7832, 50.6236

Complementary

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



42.4984, 43.7832, 46.2555



42.7307, 45.8728, 51.4025

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.



41.1066, 43.7832, 50.2125



42.4984, 43.7832, 46.2555



40.6129, 43.7832, 47.6553

Square

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



42.4984, 43.7832, 46.2555



41.1169, 43.7832, 45.2030



40.7432, 43.7832, 49.1181



42.1164, 43.7832, 50.2303

Rectangle

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



42.4984, 43.7832, 46.2555



41.7962, 43.7832, 44.8834



40.7432, 43.7832, 49.1181



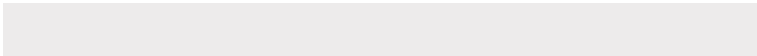
41.4336, 43.7832, 50.5748

Sweetspot

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



42.4996, 43.7851, 46.2564



79.6592, 83.4569, 90.3399



43.1190, 43.7216, 50.4773



17.6051, 18.4485, 19.9762



88.6918, 93.3107, 101.6153



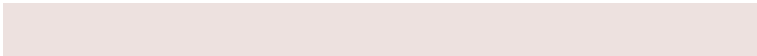
17.8044, 18.7317, 20.3988

Same Dimension

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



42.4996, 43.7851, 46.2564



75.0759, 76.9380, 80.6498



43.3694, 45.5247, 46.5464



9.3833, 9.5969, 10.0303



13.8291, 7.4345, 0.7061



0.5142, 0.3155, 0.0338

Inverse Universe

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



42.7307, 45.8728, 51.4025



75.5852, 81.5388, 91.9905



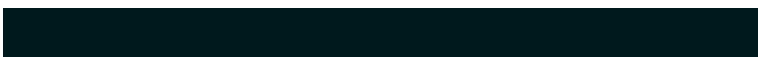
41.8444, 44.1001, 51.1071



9.4516, 10.2146, 11.5529



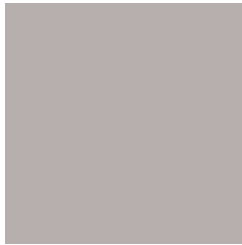
15.0817, 20.6231, 34.4388



0.5562, 0.7761, 1.2222

Previews

White Background



This preview shows how the XYZ color 42.4984, 43.7832, 46.2555 looks on a white background.

Color Contrast Check

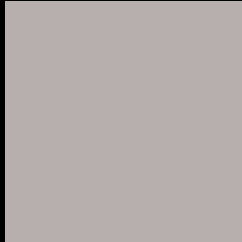
Large Text (above 18pt) WCAG AA × Fail

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 42.4984, 43.7832, 46.2555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

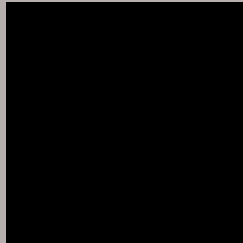
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.4984, 43.7832, 46.2555

Background



This preview shows how black text looks on a background with the XYZ color 42.4984, 43.7832, 46.2555.



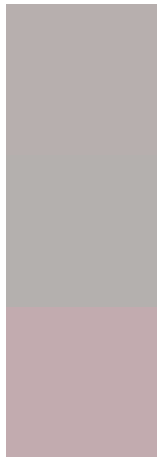
This preview shows how white text looks on a background with the XYZ color 42.4984, 43.7832,

46.2555.

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

42.4984, 43.7832, 46.2555

Protanopia

41.9877, 43.8100, 46.2876

Deuteranopia

44.5489, 43.6903, 46.6425



Tritanopia

43.9208, 43.7893, 53.1510

Trichromacy



Original Color

42.4984, 43.7832, 46.2555

Protanomaly

42.2214, 43.9304, 46.2985

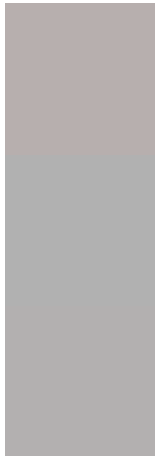
Deuteranomaly

43.7256, 43.5473, 46.6583

Tritanomaly

43.3467, 43.8398, 50.4333

Monochromacy



Original Color

42.4984, 43.7832, 46.2555

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.9522, 43.7690, 47.3114

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.4984, 43.7832, 46.2555 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(183, 175, 174)` looks like.

```
.text, #text, p{  
    color:rgb(183, 175, 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(183, 175, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 175, 174) }
```

Border

The CSS property to change the border of an element to XYZ 42.4984, 43.7832, 46.2555 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(183, 175, 174) }
```


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

```
.border{ border-color:rgb(183, 175, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 175, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 175, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 175, 174);  
box-shadow:4px 4px 4px 4px rgb(183, 175,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 42.4984, 43.7832, 46.2555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 175, 174) }
```

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

```
.background{ background-color: rgb(183,  
175, 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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