

Converting Colors

XYZ(42.4319, 44.9662, 44.4732)

Have a look what the booklet for
XYZ(42.4319, 44.9662, 44.4732)
contains.

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Color

**XYZ(42.4319, 44.9662,
44.4732)**

Conversions

Conversions Part 1

Format	Color
Hex	B5B3AA
RGB	181, 179, 170
RGB Percent	71%, 70%, 67%
CMY	0.2902, 0.2980, 0.3333
CMYK	0.00, 0.01, 0.06, 0.29
HSL	49°, 7%, 69%
HSV	49°, 6%, 71%
XYZ	42.4319, 44.9662, 44.4732
YIQ	178.5720, 4.0810, -2.3750

Conversions

Conversions Part 2

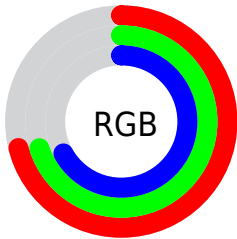
Format	Color
RYB	172, 181, 170
Decimal	11908010
CIELab	72.87, -0.92, 4.83
CIELCh	73, 4.919, 100.778
Yxy	44.9662, 0.3218, 0.3410
Android (android.graphics.Color)	4290098090 (0xFFB5B3AA)
YUV	178.5720, -4.2260, 2.1294
Hunter-Lab	67.0568, -4.3991, 7.6177

Details

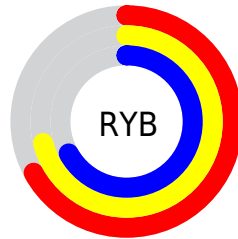
The XYZ color **42.4319, 44.9662, 44.4732** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **39.6707, 41.3869, 49.6144**, and the grayscale version is **42.6413, 44.8620, 48.8547**.

A 20% lighter version of the original color is **78.2240, 82.8574, 83.1044**, and **19.6330, 20.8189, 20.1232** is the 20% darker color. If you saturate the color by 10%, you get **40.1859, 43.0279, 35.8506**, and if you desaturate by 10%, it is **44.9319, 47.0341, 54.3447**.

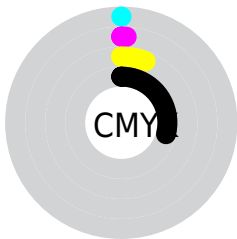
Distribution



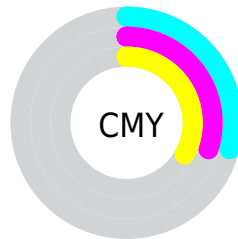
- Red (71%)
- Green (70%)
- Blue (67%)



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



- Cyan (0%)
- Magenta (1%)
- Yellow (6%)
- Black (29%)



- Cyan (29%)
- Magenta (30%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.4319, 44.9662, 44.4732 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 42.4319, 44.9662, 44.4732 by changing the saturation by 10% instead.

■ 42.4319, 44.9662,
44.4732

■ 42.4319, 44.9662,
44.4732

347.2315,
366.6367, 380.7335

■ 29.6322, 31.4308,
30.7028

■ 78.1139, 82.6697,
83.2394

■ 19.7063, 20.9271,
20.1161

101.7270,
107.6066, 109.0722

■ 12.2887, 13.0707,
12.2945

129.6752,
137.1127, 139.7629

■ 7.0142, 7.4773,
6.8196

162.3240,
171.5726, 175.7300

■ 3.5174, 3.7623,
3.2728

200.0387,
211.3705, 217.3921

■ 1.4329, 1.5415,
1.2356

243.1845,

■ 0.2795, 0.3177,

256.8909, 265.1677

0.0081

292.1270,
308.5181, 319.4753

0.0000, 0.0000,
0.0000

42.4319, 44.9662,
44.4732

42.4319, 44.9662,
44.4732

40.1859, 43.0279,
35.8506

44.9319, 47.0341,
54.3447

38.1805, 41.2094,
28.4235

47.6913, 49.2296,
65.5097

36.4065, 39.5082,
22.1390

50.7199, 51.5582,
78.0143

34.8529, 37.9198,
16.9390

54.0261, 54.0235,
91.9014

33.5076, 36.4390,
12.7605

56.7190, 56.2692,
102.4794

■ 32.3572, 35.0605,
9.5336

■ 57.4656, 57.7624,
102.7282

■ 31.3867, 33.7780,
7.1801

■ 58.2285, 59.2882,
102.9825

■ 30.5787, 32.5844,
5.6088

■ 59.0078, 60.8468,
103.2423

■ 29.9108, 31.4705,
4.7018

■ 59.8037, 62.4385,
103.5076

Harmonies

Analogous

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



43.2834, 44.9662, 44.6420



42.4319, 44.9662, 44.4732



41.6727, 44.9662, 45.4762

Triad

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



42.4319, 44.9662, 44.4732



41.5044, 44.9662, 52.1051



44.3125, 44.9662, 50.5294

Complementary

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



42.4319, 44.9662, 44.4732



39.6707, 41.3869, 49.6144

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.



43.8233, 44.9662, 52.6185



42.4319, 44.9662, 44.4732



42.1993, 44.9662, 53.5490

Square

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



42.4319, 44.9662, 44.4732



41.1420, 44.9662, 49.8475



43.0476, 44.9662, 53.7400



44.3768, 44.9662, 48.0841

Rectangle

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



42.4319, 44.9662, 44.4732



41.3182, 44.9662, 46.6945



43.0476, 44.9662, 53.7400



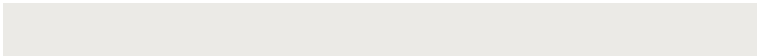
44.1920, 44.9662, 51.2987

Sweetspot

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



42.4331, 44.9682, 44.4742



77.7502, 82.0045, 86.5258



40.8795, 41.5531, 44.9048



16.8150, 17.7327, 18.7423



86.6293, 91.1408, 99.2523



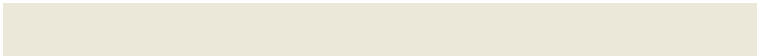
17.0014, 17.8868, 19.4787

Same Dimension

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



42.4331, 44.9682, 44.4742



75.5566, 80.1642, 77.9428



42.0297, 45.3587, 44.5708



9.1570, 9.7190, 9.3979



20.4987, 21.4960, 3.0687



0.6791, 0.7447, 0.1079

Inverse Universe

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



39.6707, 41.3869, 49.6144



69.8029, 72.7051, 88.6491



40.0566, 41.0258, 49.5243



8.4274, 8.7731, 10.7555



6.1598, 3.1199, 30.4145



0.2312, 0.1729, 0.9694

Previews

White Background



This preview shows how the XYZ color 42.4319, 44.9662, 44.4732 looks on a white background.

Color Contrast Check

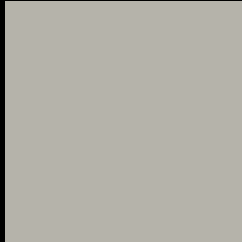
Large Text (above 18pt) WCAG AA × Fail

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 42.4319, 44.9662, 44.4732 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

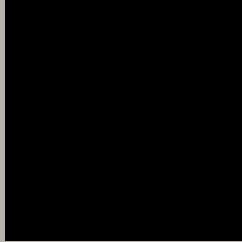
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.4319, 44.9662, 44.4732

Background



This preview shows how black text looks on a background with the XYZ color 42.4319, 44.9662, 44.4732.



This preview shows how white text looks on a background with the XYZ color 42.4319, 44.9662,

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

42.4319, 44.9662, 44.4732

Protanopia

42.8490, 44.8957, 43.9435

Deuteranopia

45.8474, 44.9695, 44.7916



Tritanopia

44.5868, 44.9587, 55.0431

Trichromacy



Original Color

42.4319, 44.9662, 44.4732

Protanomaly

42.6103, 44.7726, 43.9323

Deuteranomaly

44.4189, 44.8067, 44.8355

Tritanomaly

43.7978, 44.9305, 51.1638

Monochromacy



Original Color

42.4319, 44.9662, 44.4732

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

42.7790, 45.0781, 47.5205

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.4319, 44.9662, 44.4732 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(181, 179, 170)` looks like.

```
.text, #text, p{  
    color:rgb(181, 179, 170)  
}
```

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(181, 179, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 179, 170) }
```

Border

The CSS property to change the border of an element to XYZ 42.4319, 44.9662, 44.4732 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(181, 179, 170) }
```


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

```
.border{ border-color:rgb(181, 179, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 179, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 179, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 179, 170);  
box-shadow:4px 4px 4px 4px rgb(181, 179,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 42.4319, 44.9662, 44.4732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 179, 170) }
```

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

```
.background{ background-color: rgb(181,  
179, 170) }
```

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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