

Converting Colors

XYZ(42.0241, 42.4229, 44.5198)

Have a look what the booklet for
XYZ(42.0241, 42.4229, 44.5198)
contains.

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Color

**XYZ(41.9212, 42.3804,
44.4988)**

Conversions

Conversions Part 1

Format	Color
Hex	B9ABAB
RGB	185, 171, 171
RGB Percent	73%, 67%, 67%
CMY	0.2745, 0.3294, 0.3294
CMYK	0.00, 0.08, 0.08, 0.27
HSL	0°, 9%, 70%
HSV	0°, 8%, 73%
XYZ	41.9212, 42.3804, 44.4988
YIQ	175.1860, 8.3440, 2.9680

Conversions

Conversions Part 2

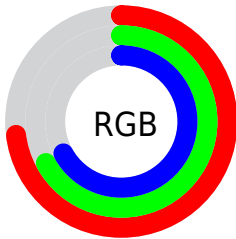
Format	Color
RYB	185, 171, 171
Decimal	12168107
CIELab	71.13, 5.03, 1.81
CIELCh	71, 5.344, 19.776
Yxy	42.3804, 0.3255, 0.3290
Android (android.graphics.Color)	4290358187 (0xFFB9ABAB)
YUV	175.1860, -2.0637, 8.6069
Hunter-Lab	65.1002, 1.0194, 5.0429

Details

The XYZ color **41.9212, 42.3804, 44.4988** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.9004, 46.8578, 52.6829**, and the grayscale version is **40.8522, 42.9797, 46.8049**.

A 20% lighter version of the original color is **77.1995, 78.5845, 83.0510**, and **19.4423, 19.4311, 20.1786** is the 20% darker color. If you saturate the color by 10%, you get **37.0275, 35.2199, 34.7679**, and if you desaturate by 10%, it is **47.5530, 50.6211, 55.6944**.

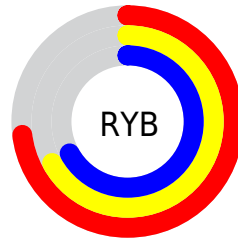
Distribution



Red (73%)

Green (67%)

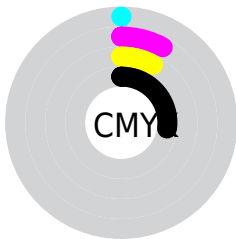
Blue (67%)



Red (73%)

Yellow (67%)

Blue (67%)

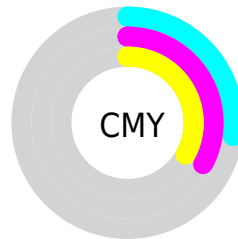


Cyan (0%)

Magenta (8%)

Yellow (8%)

Black (27%)



Cyan (27%)

Magenta (33%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.9212, 42.3804, 44.4988 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 41.9212, 42.3804, 44.4988 by changing the saturation by 10% instead.


 41.9212, 42.3804,
44.4988

 41.9212, 42.3804,
44.4988


345.1534,
356.0574, 380.8406

 29.2304, 29.3993,
30.7228


 77.3463, 78.7750,
83.2783

 19.4004, 19.3831,
20.1311


100.8113,
102.9573, 109.1188

 12.0656, 11.9474,
12.3054


128.5984,
131.6421, 139.8178

 6.8609, 6.7079,
6.8270

161.0730,
165.2138, 175.7940

 3.4208, 3.2801,
3.2773

198.6005,
204.0568, 217.4658

 1.3800, 1.2796,
1.2379

241.5461,

 0.2419, 0.1254,

248.5554, 265.2519

0.0101

290.2753,
299.0942, 319.5706

■ 0.0000, 0.0000,
0.0000

■ 41.9212, 42.3804,
44.4988

■ 41.9212, 42.3804,
44.4988

■ 37.0275, 35.2199,
34.7679

■ 47.5530, 50.6211,
55.6944

■ 32.8379, 29.0895,
26.4387

■ 53.9480, 59.9783,
68.4090

■ 29.3212, 23.9436,
19.4474

■ 61.1345, 70.4934,
82.6973

■ 26.4422, 19.7309,
13.7242

■ 69.1381, 82.2042,
98.6105

■ 24.1629, 16.3955,
9.1933

■ 73.8178, 89.0544,
107.9064

■ 22.4409, 13.8756,
5.7705

■ 21.2284, 12.1011,
3.3608

■ 20.4697, 10.9906,
1.8532

■ 20.0818, 10.4229,
1.0826

Harmonies

Analogous

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



41.9974, 42.3804, 47.0247



41.9212, 42.3804, 44.4988



41.4020, 42.3804, 42.4862

Triad

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



41.9212, 42.3804, 44.4988



38.9826, 42.3804, 43.0373



39.9769, 42.3804, 51.1632

Complementary

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



41.9212, 42.3804, 44.4988



42.9004, 46.8578, 52.6829

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.



39.1810, 42.3804, 50.0082



41.9212, 42.3804, 44.4988



38.6126, 42.3804, 45.2764

Square

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



41.9212, 42.3804, 44.4988



39.7023, 42.3804, 41.6642



38.6847, 42.3804, 47.8314



40.8659, 42.3804, 50.9361

Rectangle

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



41.9212, 42.3804, 44.4988



40.8787, 42.3804, 41.6765



38.6847, 42.3804, 47.8314



39.6898, 42.3804, 50.9221

Sweetspot

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



41.9224, 42.3823, 44.4997



80.4970, 83.8290, 90.4641



43.3280, 42.9435, 51.9048



17.3768, 18.1059, 19.5485



88.6918, 93.3107, 101.6153



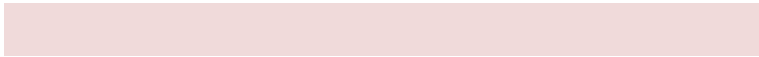
17.8044, 18.7317, 20.3988

Same Dimension

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



41.9224, 42.3823, 44.4997



73.6106, 73.7528, 76.7728



43.2792, 45.0960, 44.9520



9.0048, 9.0126, 9.3719



13.6238, 7.0239, 0.6377



0.4803, 0.2477, 0.0225

Inverse Universe

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



42.9004, 46.8578, 52.6829



75.7054, 83.3391, 94.3006



41.4725, 44.0021, 52.2069



9.2665, 10.2103, 11.5618



17.7696, 25.9989, 35.3348



0.6265, 0.9166, 1.2457

Previews

White Background



This preview shows how the XYZ color 41.9212, 42.3804, 44.4988 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 41.9212, 42.3804, 44.4988 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

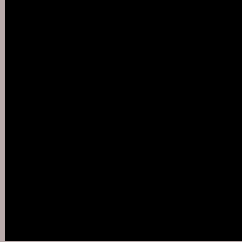
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.9212, 42.3804, 44.4988

Background



This preview shows how black text looks on a background with the XYZ color 41.9212, 42.3804, 44.4988.



This preview shows how white text looks on a background with the XYZ color 41.9212, 42.3804,

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

41.9212, 42.3804, 44.4988

Protanopia

40.7501, 42.3307, 45.0526

Deuteranopia

43.2769, 42.5227, 44.4548



Tritanopia

43.2287, 42.3596, 50.6976

Trichromacy



Original Color

41.9212, 42.3804, 44.4988

Protanomaly

41.2550, 42.3074, 45.0215

Deuteranomaly

42.7117, 42.5085, 44.4819

Tritanomaly

42.7611, 42.4432, 48.5864

Monochromacy



Original Color

41.9212, 42.3804, 44.4988

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.3664, 42.9118, 46.1470

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.9212, 42.3804, 44.4988 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, 171, 171)` looks like.

```
.text, #text, p{  
    color:rgb(185, 171, 171)  
}
```

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, 171, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 171, 171) }
```

Border

The CSS property to change the border of an element to XYZ 41.9212, 42.3804, 44.4988 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, 171, 171) }
```


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

```
.border{ border-color:rgb(185, 171, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 171, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 171, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 171, 171);  
box-shadow:4px 4px 4px 4px rgb(185, 171,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 41.9212, 42.3804, 44.4988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 171, 171) }
```

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

```
.background{ background-color: rgb(185,  
171, 171) }
```

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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