

Converting Colors

XYZ(41.4269, 41.2933, 44.3945)

Have a look what the booklet for
XYZ(41.4269, 41.2933, 44.3945)
contains.

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Color

**XYZ(41.3609, 41.2598,
44.3121)**

Conversions

Conversions Part 1

Format	Color
Hex	B9A8AB
RGB	185, 168, 171
RGB Percent	73%, 66%, 67%
CMY	0.2745, 0.3412, 0.3294
CMYK	0.00, 0.09, 0.08, 0.27
HSL	349°, 11%, 69%
HSV	349°, 9%, 73%
XYZ	41.3609, 41.2598, 44.3121
YIQ	173.4250, 9.1690, 4.5370

Conversions

Conversions Part 2

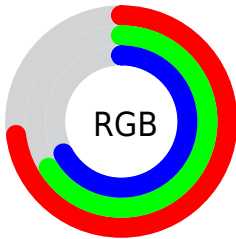
Format	Color
RYB	185, 168, 171
Decimal	12167339
CIELab	70.36, 6.67, 0.68
CIElCh	70, 6.700, 5.826
Yxy	41.2598, 0.3258, 0.3251
Android (android.graphics.Color)	4290357419 (0xFFB9A8AB)
YUV	173.4250, -1.1955, 10.1513
Hunter-Lab	64.2338, 2.5291, 4.0621

Details

The XYZ color **41.3609, 41.2598, 44.3121** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.9425, 46.4012, 51.0039**, and the grayscale version is **39.9410, 42.0211, 45.7610**.

A 20% lighter version of the original color is **76.3908, 76.9671, 82.7814**, and **19.0909, 18.7282, 20.0615** is the 20% darker color. If you saturate the color by 10%, you get **36.8159, 34.3615, 36.0395**, and if you desaturate by 10%, it is **46.5616, 49.2005, 53.6305**.

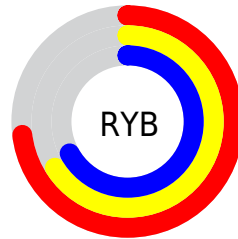
Distribution



Red (73%)

Green (66%)

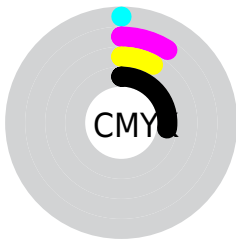
Blue (67%)



Red (73%)

Yellow (66%)

Blue (67%)

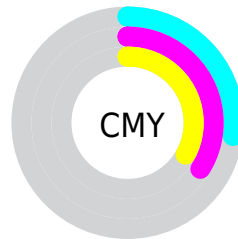


Cyan (0%)

Magenta (9%)

Yellow (8%)

Black (27%)



Cyan (27%)


Magenta (34%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.3609, 41.2598, 44.3121 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 41.3609, 41.2598, 44.3121 by changing the saturation by 10% instead.


 41.3609, 41.2598,
44.3121


 41.3609, 41.2598,
44.3121


342.8636,
351.4053, 380.0589

 28.7901, 28.5221,
30.5770


 76.5027, 77.0781,
82.9946

 19.0656, 18.7196,
20.0212


 99.8044, 100.9276,
108.7791

 11.8220, 11.4679,
12.2262


127.4138,
129.2498, 139.4171

 6.6939, 6.3825,
6.7735

159.6963,
162.4290, 175.3272

 3.3160, 3.0790,
3.2446

197.0171,
200.8499, 216.9279

 1.3230, 1.1731,
1.2208

239.7417,

 0.2003, 0.0396,

244.8966, 264.6377

0.0000

288.2354,
294.9536, 318.8752

■ 0.0000, 0.0000,
0.0000

■ 41.3609, 41.2598,
44.3121

■ 41.3609, 41.2598,
44.3121

■ 36.8159, 34.3615,
36.0395

■ 46.5616, 49.2005,
53.6305

■ 32.8971, 28.4571,
28.7733

■ 52.4391, 58.2188,
64.0268

■ 29.5778, 23.5023,
22.4758

■ 59.0179, 68.3548,
75.5351

■ 26.8280, 19.4474,
17.1055

■ 66.3203, 79.6451,
88.1870

■ 24.6152, 16.2380,
12.6183

■ 72.5859, 88.5617,
101.4193

■ 22.9034, 13.8139,
8.9661

■ 73.8178, 89.0544,
107.9064

■ 21.6521, 12.1071,
6.0963

■ 20.8145, 11.0374,
3.9498

■ 20.3108, 10.4617,
2.4515

Harmonies

Analogous

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



41.1801, 41.2598, 47.4546



41.3609, 41.2598, 44.3121



40.9584, 41.2598, 41.4677

Triad

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



41.3609, 41.2598, 44.3121



37.9897, 41.2598, 40.1847



38.3554, 41.2598, 50.6882

Complementary

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



41.3609, 41.2598, 44.3121



41.9425, 46.4012, 51.0039

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.



37.5241, 41.2598, 48.5692



41.3609, 41.2598, 44.3121



37.3158, 41.2598, 42.4868

Square

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



41.3609, 41.2598, 44.3121



39.0016, 41.2598, 39.1574



37.1470, 41.2598, 45.5433



39.4316, 41.2598, 51.2326

Rectangle

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



41.3609, 41.2598, 44.3121



40.4178, 41.2598, 40.0917



37.1470, 41.2598, 45.5433



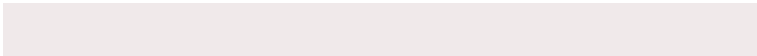
38.0387, 41.2598, 50.1317

Sweetspot

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



41.3621, 41.2616, 44.3130



79.6528, 82.4007, 89.3808



42.0247, 41.4408, 51.6834



17.0087, 17.5153, 18.9772



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.



41.3621, 41.2616, 44.3130



72.3641, 71.2900, 76.2637



42.0939, 43.1774, 43.1634



9.0675, 9.0374, 9.7031



13.8262, 7.1042, 1.7055



0.5074, 0.2584, 0.1652

Inverse Universe

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



41.3621, 41.2616, 44.3130



72.3641, 71.2900, 76.2637



41.1508, 44.3169, 52.2846



9.0675, 9.0374, 9.7031



13.8262, 7.1042, 1.7055



0.5074, 0.2584, 0.1652

Previews

White Background



This preview shows how the XYZ color 41.3609, 41.2598, 44.3121 looks on a white background.

Color Contrast Check

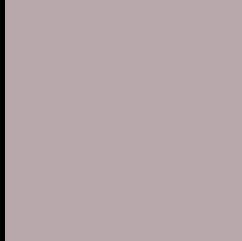
Large Text (above 18pt) WCAG AA × Fail

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 41.3609, 41.2598, 44.3121 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

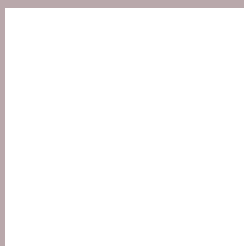
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.3609, 41.2598, 44.3121

Background



This preview shows how black text looks on a background with the XYZ color 41.3609, 41.2598, 44.3121.



This preview shows how white text looks on a background with the XYZ color 41.3609, 41.2598,

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

41.3609, 41.2598, 44.3121

Protanopia

39.7849, 41.2569, 45.4017

Deuteranopia

42.1557, 41.3965, 44.2966



Tritanopia

42.3066, 41.3718, 48.9358

Trichromacy



Original Color

41.3609, 41.2598, 44.3121

Protanomaly

40.4115, 41.3117, 44.8738

Deuteranomaly

41.9084, 41.2691, 44.2850

Tritanomaly

42.0042, 41.2509, 47.3433

Monochromacy



Original Color

41.3609, 41.2598, 44.3121

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

40.1408, 41.4515, 44.9150

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3609, 41.2598, 44.3121 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, 168, 171)` looks like.

```
.text, #text, p{  
    color:rgb(185, 168, 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, 168, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 168, 171) }
```

Border

The CSS property to change the border of an element to XYZ 41.3609, 41.2598, 44.3121 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, 168, 171) }
```


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

```
.border{ border-color:rgb(185, 168, 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, 168, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 168, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 168, 171);  
box-shadow:4px 4px 4px 4px rgb(185, 168,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3609, 41.2598, 44.3121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 168, 171) }
```

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

```
.background{ background-color: rgb(185,  
168, 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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