

Converting Colors

XYZ(41.3598, 42.2067, 43.1352)

Have a look what the booklet for
XYZ(41.3598, 42.2067, 43.1352)
contains.

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Color

**XYZ(41.3980, 42.1433,
42.9984)**

Conversions

Conversions Part 1

Format	Color
Hex	B8ABA8
RGB	184, 171, 168
RGB Percent	72%, 67%, 66%
CMY	0.2784, 0.3294, 0.3412
CMYK	0.00, 0.07, 0.09, 0.28
HSL	11°, 10%, 69%
HSV	11°, 9%, 72%
XYZ	41.3980, 42.1433, 42.9984
YIQ	174.5450, 8.7110, 1.8230

Conversions

Conversions Part 2

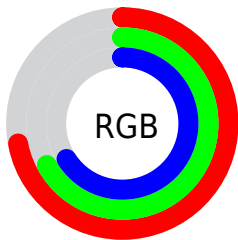
Format	Color
RYB	184, 172, 168
Decimal	12102568
CIELab	70.97, 4.14, 3.21
CIELCh	71, 5.242, 37.825
Yxy	42.1433, 0.3272, 0.3330
Android (android.graphics.Color)	4290292648 (0xFFB8ABA8)
YUV	174.5450, -3.2267, 8.2920
Hunter-Lab	64.9179, 0.2228, 6.1717

Details

The XYZ color **41.3980, 42.1433, 42.9984** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.3241, 44.8327, 51.8236**, and the grayscale version is **40.5265, 42.6370, 46.4317**.

A 20% lighter version of the original color is **76.4508, 78.2457, 80.8856**, and **19.1093, 19.2799, 19.2372** is the 20% darker color. If you saturate the color by 10%, you get **37.1385, 36.1760, 33.7113**, and if you desaturate by 10%, it is **46.2217, 48.8499, 53.6713**.

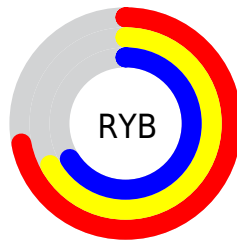
Distribution



Red (72%)

Green (67%)

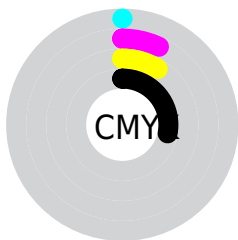
Blue (66%)



Red (72%)

Yellow (67%)

Blue (66%)

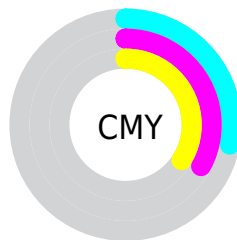


Cyan (0%)

Magenta (7%)

Yellow (9%)

Black (28%)



Cyan (28%)

Magenta (33%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.3980, 42.1433, 42.9984 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 41.3980, 42.1433, 42.9984 by changing the saturation by 10% instead.

■ 41.3980, 42.1433,
42.9984

■ 41.3980, 42.1433,
42.9984

343.0155,
355.0766, 374.5262

■ 28.8192, 29.2135,
29.5525

■ 76.5586, 78.4165,
80.9948

■ 19.0877, 19.2424,
19.2500

■ 99.8712, 102.5286,
106.3823

■ 11.8381, 11.8456,
11.6724

127.4924,
131.1370, 136.5874

■ 6.7049, 6.6386,
6.4012

159.7876,
164.6261, 172.0287

■ 3.3229, 3.2371,
3.0178

197.1221,
203.3802, 213.1247

■ 1.3267, 1.2568,
1.1037

239.8614,

■ 0.2031, 0.1073,

247.7837, 260.2939

0.0000

288.3708,
298.2211, 313.9549

■ 0.0000, 0.0000,
0.0000

■ 41.3980, 42.1433,
42.9984

■ 41.3980, 42.1433,
42.9984

■ 37.1385, 36.1760,
33.7113

■ 46.2217, 48.8499,
53.6713

■ 33.4191, 30.9172,
25.7505

■ 51.6257, 56.3142,
65.7809

■ 30.2188, 26.3421,
19.0559

■ 57.6299, 64.5610,
79.3788

■ 27.5141, 22.4224,
13.5620

■ 64.2521, 73.6122,
94.5133

■ 25.2796, 19.1276,
9.1972

■ 70.6934, 83.1624,
106.9337

■ 23.4877, 16.4252,
5.8824

■ 73.5774, 88.9305,
107.8951

■ 22.1074, 14.2791,
3.5279

■ 21.1037, 12.6494,
2.0291

■ 20.4262, 11.4871,
1.2096

Harmonies

Analogous

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



41.7439, 42.1433, 45.2348



41.3980, 42.1433, 42.9984



40.6936, 42.1433, 41.5730

Triad

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



41.3980, 42.1433, 42.9984



38.5199, 42.1433, 44.0943



40.2852, 42.1433, 50.8217

Complementary

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



41.3980, 42.1433, 42.9984



41.3241, 44.8327, 51.8236

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.



39.4250, 42.1433, 50.4893



41.3980, 42.1433, 42.9984



38.4141, 42.1433, 46.5452

Square

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



41.3980, 42.1433, 42.9984



39.0342, 42.1433, 42.1895



38.7432, 42.1433, 48.9019



41.0953, 42.1433, 49.7942

Rectangle

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



41.3980, 42.1433, 42.9984



40.1198, 42.1433, 41.2438



38.7432, 42.1433, 48.9019



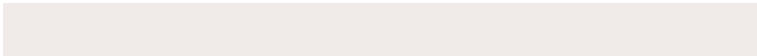
39.9922, 42.1433, 50.8660

Sweetspot

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



41.3992, 42.1451, 42.9993



79.8539, 83.0932, 88.5534



42.1178, 41.5352, 49.5498



17.0630, 17.7020, 18.7541



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.



41.3992, 42.1451, 42.9993



73.8465, 74.7234, 75.3138



42.9424, 45.2317, 43.5137



9.1374, 9.2777, 9.4161



14.0675, 7.9114, 0.7856



0.5374, 0.3619, 0.0415

Inverse Universe

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



41.3241, 44.8327, 51.8236



73.6888, 80.3632, 93.8324



39.7572, 41.6989, 51.3013



9.1195, 9.9163, 11.5128



13.4690, 17.3977, 33.9013



0.5123, 0.6884, 1.2076

Previews

White Background



This preview shows how the XYZ color 41.3980, 42.1433, 42.9984 looks on a white background.

Color Contrast Check

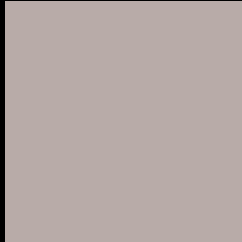
Large Text (above 18pt) WCAG AA × Fail

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 41.3980, 42.1433, 42.9984 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

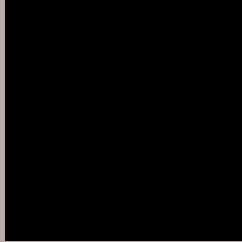
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.3980, 42.1433, 42.9984

Background



This preview shows how black text looks on a background with the XYZ color 41.3980, 42.1433, 42.9984.



This preview shows how white text looks on a background with the XYZ color 41.3980, 42.1433,

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

41.3980, 42.1433, 42.9984

Protanopia

40.4651, 42.2167, 43.5520

Deuteranopia

42.9023, 42.0763, 43.3965



Tritanopia

42.8812, 42.1924, 50.1398

Trichromacy



Original Color

41.3980, 42.1433, 42.9984

Protanomaly

40.7363, 42.0729, 43.5100

Deuteranomaly

42.3357, 42.0593, 43.4230

Tritanomaly

42.3181, 42.2381, 47.5173

Monochromacy



Original Color

41.3980, 42.1433, 42.9984

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

40.9425, 42.7156, 45.1168

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3980, 42.1433, 42.9984 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(184, 171, 168)` looks like.

```
.text, #text, p{  
    color:rgb(184, 171, 168)  
}
```

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(184, 171, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 171, 168) }
```

Border

The CSS property to change the border of an element to XYZ 41.3980, 42.1433, 42.9984 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(184, 171, 168) }
```


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

```
.border{ border-color:rgb(184, 171, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 171, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 171, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 171, 168);  
box-shadow:4px 4px 4px 4px rgb(184, 171,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3980, 42.1433, 42.9984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 171, 168) }
```

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

```
.background{ background-color: rgb(184,  
171, 168) }
```

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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