

Converting Colors

XYZ(41.0125, 42.3431, 40.3856)

Have a look what the booklet for
XYZ(41.0125, 42.3431, 40.3856)
contains.

XYZ(41.0413, 42.3040, 40.1848)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(41.0413, 42.3040,
40.1848)**

Conversions

Conversions Part 1

Format	Color
Hex	B8ACA2
RGB	184, 172, 162
RGB Percent	72%, 67%, 64%
CMY	0.2784, 0.3255, 0.3647
CMYK	0.00, 0.07, 0.12, 0.28
HSL	27°, 13%, 68%
HSV	27°, 12%, 72%
XYZ	41.0413, 42.3040, 40.1848
YIQ	174.4480, 10.3620, -0.5660

Conversions

Conversions Part 2

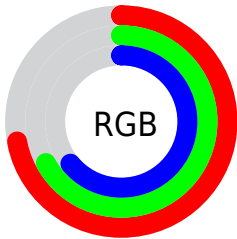
Format	Color
RYB	184, 180, 162
Decimal	12102818
CIELab	71.08, 2.57, 6.68
CIELCh	71, 7.157, 68.928
Yxy	42.3040, 0.3322, 0.3425
Android (android.graphics.Color)	4290292898 (0xFFB8ACA2)
YUV	174.4480, -6.1369, 8.3771
Hunter-Lab	65.0415, -1.1889, 8.8977

Details

The XYZ color **41.0413, 42.3040, 40.1848** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.6880, 41.4135, 51.3025**, and the grayscale version is **40.4904, 42.5990, 46.3904**.

A 20% lighter version of the original color is **75.9287, 78.4732, 76.7906**, and **18.8910, 19.3840, 17.4977** is the 20% darker color. If you saturate the color by 10%, you get **37.6862, 38.0222, 31.5788**, and if you desaturate by 10%, it is **44.7823, 46.9736, 50.1013**.

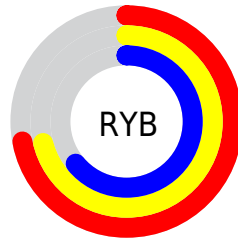
Distribution



Red (72%)

Green (67%)

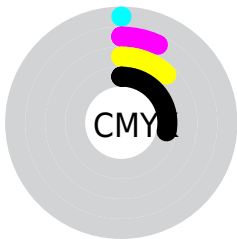
Blue (64%)



Red (72%)

Yellow (71%)

Blue (64%)

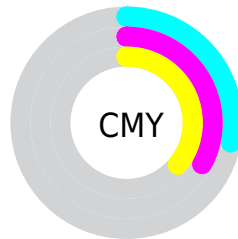


Cyan (0%)

Magenta (7%)

Yellow (12%)

Black (28%)



Cyan (28%)


Magenta (33%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.0413, 42.3040, 40.1848 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 41.0413, 42.3040, 40.1848 by changing the saturation by 10% instead.


 41.0413, 42.3040,
40.1848


 41.0413, 42.3040,
40.1848


341.5528,
355.7416, 362.4771

 28.5392, 29.3394,
27.3678


 76.0209, 78.6595,
76.6850

 18.8750, 19.3377,
17.6148


 99.2291, 102.8192,
101.2053

 11.6835, 11.9146,
10.5072


126.7366,
131.4794, 130.4637

 6.5992, 6.6855,
5.6265

158.9090,
165.0245, 164.8788

 3.2568, 3.2662,
2.5543

196.1114,
203.8389, 204.8692

 1.2910, 1.2723,
0.8687

238.7093,

 0.1765, 0.1196,

248.3069, 250.8533

0.0000

287.0680,
298.8130, 303.2498

■ 0.0000, 0.0000,
0.0000

■ 41.0413, 42.3040,
40.1848

■ 41.0413, 42.3040,
40.1848

■ 37.6862, 38.0222,
31.5788

■ 44.7823, 46.9736,
50.1013

■ 34.6999, 34.1123,
24.2249

■ 48.9186, 52.0356,
61.3777

■ 32.0694, 30.5650,
18.0645

■ 53.4633, 57.5013,
74.0642

■ 29.7791, 27.3689,
13.0330

■ 58.4282, 63.3801,
88.2079

■ 27.8123, 24.5115,
9.0598

■ 63.8243, 69.6808,
103.8533

■ 26.1506, 21.9795,
6.0660

■ 66.7322, 75.2401,
105.6134

■ 24.7734, 19.7587,
3.9617

■ 69.6411, 81.0579,
106.5830

■ 23.6564, 17.8328,
2.6398

■ 72.7139, 87.2035,
107.6073

■ 22.9117, 16.4791,
1.9732

■ 73.5774, 88.9305,
107.8951

Harmonies

Analogous

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



42.0246, 42.3040, 42.0458



41.0413, 42.3040, 40.1848



39.8528, 42.3040, 39.8564

Triad

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



41.0413, 42.3040, 40.1848



37.9791, 42.3040, 47.0917



41.6712, 42.3040, 51.3784

Complementary

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



41.0413, 42.3040, 40.1848



38.6880, 41.4135, 51.3025

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.



40.5667, 42.3040, 52.8802



41.0413, 42.3040, 40.1848



38.4459, 42.3040, 50.3259

Square

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



41.0413, 42.3040, 40.1848



38.1005, 42.3040, 43.7339



39.3874, 42.3040, 52.4857



42.3932, 42.3040, 48.4710

Rectangle

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



41.0413, 42.3040, 40.1848



39.1064, 42.3040, 40.5340



39.3874, 42.3040, 52.4857



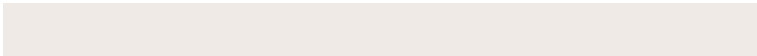
41.3315, 42.3040, 52.0708

Sweetspot

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



41.0425, 42.3059, 40.1857



79.6893, 83.3068, 86.8251



40.3378, 39.0915, 45.5155



17.0668, 17.8195, 18.4171



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.



41.0425, 42.3059, 40.1857



72.9536, 74.8606, 69.0875



43.2022, 46.6253, 40.9056



9.3319, 9.6668, 9.4809



15.8593, 11.4950, 1.3829



0.6211, 0.5292, 0.0694

Inverse Universe

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



38.6880, 41.4135, 51.3025



67.9511, 72.9645, 92.7068



36.6676, 37.3726, 50.6290



8.9160, 9.5092, 11.4450



9.1973, 8.8542, 32.4774



0.3852, 0.4341, 1.1652

Previews

White Background



This preview shows how the XYZ color 41.0413, 42.3040, 40.1848 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 41.0413, 42.3040, 40.1848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

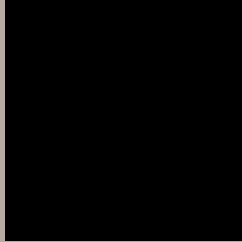
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.0413, 42.3040, 40.1848

Background



This preview shows how black text looks on a background with the XYZ color 41.0413, 42.3040, 40.1848.

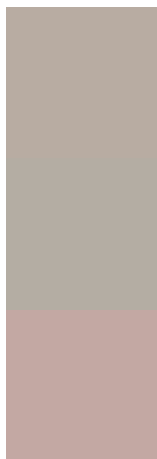


This preview shows how white text looks on a background with the XYZ color 41.0413, 42.3040,

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

41.0413, 42.3040, 40.1848

Protanopia

40.3768, 42.2348, 40.6744

Deuteranopia

43.1192, 42.2517, 40.5331



Tritanopia

43.1250, 42.3181, 50.1513

Trichromacy



Original Color

41.0413, 42.3040, 40.1848

Protanomaly

40.6105, 42.3552, 40.6853

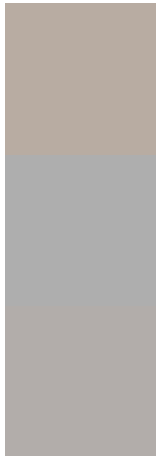
Deuteranomaly

42.2847, 42.0966, 40.5472

Tritanomaly

42.3623, 42.2837, 46.4863

Monochromacy



Original Color

41.0413, 42.3040, 40.1848

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.5594, 42.2544, 44.0484

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.0413, 42.3040, 40.1848 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, 172, 162)` looks like.

```
.text, #text, p{  
    color:rgb(184, 172, 162)  
}
```

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, 172, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 172, 162) }
```

Border

The CSS property to change the border of an element to XYZ 41.0413, 42.3040, 40.1848 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, 172, 162) }
```


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

```
.border{ border-color:rgb(184, 172, 162) }
```

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

Here you see how a box with a 4 pixel rgb(184, 172, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 172, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 172, 162);  
box-shadow:4px 4px 4px 4px rgb(184, 172,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 41.0413, 42.3040, 40.1848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 172, 162) }
```

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

```
.background{ background-color: rgb(184,  
172, 162) }
```

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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