

Converting Colors

XYZ(40.7949, 41.0226, 40.4189)

Have a look what the booklet for
XYZ(40.7949, 41.0226, 40.4189)
contains.

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Color

**XYZ(40.8632, 41.0887,
40.4275)**

Conversions

Conversions Part 1

Format	Color
Hex	BAA8A3
RGB	186, 168, 163
RGB Percent	73%, 66%, 64%
CMY	0.2706, 0.3412, 0.3608
CMYK	0.00, 0.10, 0.12, 0.27
HSL	13°, 14%, 68%
HSV	13°, 12%, 73%
XYZ	40.8632, 41.0887, 40.4275
YIQ	172.8120, 12.3330, 2.2610

Conversions

Conversions Part 2

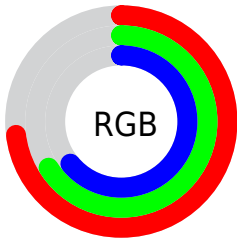
Format	Color
RYB	186, 169, 163
Decimal	12232867
CIELab	70.24, 5.65, 4.94
CIElCh	70, 7.508, 41.129
Yxy	41.0887, 0.3339, 0.3357
Android (android.graphics.Color)	4290422947 (0xFFBAA8A3)
YUV	172.8120, -4.8373, 11.5659
Hunter-Lab	64.1005, 1.6156, 7.4767

Details

The XYZ color **40.8632, 41.0887, 40.4275** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.4909, 44.3786, 52.8867**, and the grayscale version is **39.6451, 41.7097, 45.4219**.

A 20% lighter version of the original color is **75.6605, 76.7146, 77.1493**, and **18.7875, 18.6250, 17.6437** is the 20% darker color. If you saturate the color by 10%, you get **36.7798, 35.3954, 31.4401**, and if you desaturate by 10%, it is **45.4948, 47.4852, 50.8080**.

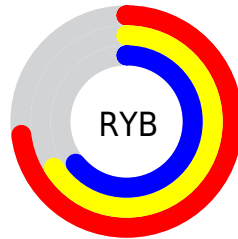
Distribution



Red (73%)

Green (66%)

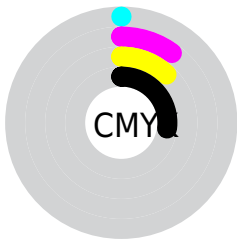
Blue (64%)



Red (73%)

Yellow (66%)

Blue (64%)

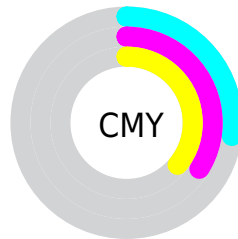


Cyan (0%)

Magenta (10%)

Yellow (12%)

Black (27%)



Cyan (27%)


Magenta (34%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.8632, 41.0887, 40.4275 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 40.8632, 41.0887, 40.4275 by changing the saturation by 10% instead.


 40.8632, 41.0887,
40.4275


 40.8632, 41.0887,
40.4275

340.8209,
350.6912, 363.5277

 28.3994, 28.3884,
27.5557


 75.7522, 76.8185,
77.0583

 18.7689, 18.6186,
17.7549


 98.9081, 100.6168,
101.6543

 11.6065, 11.3950,
10.6065


126.3588,
128.8833, 130.9955

 6.5466, 6.3332,
5.6921

158.4696,
162.0022, 165.5004

 3.2240, 3.0487,
2.5930

195.6058,
200.3581, 205.5875

 1.2733, 1.1572,
0.8889

238.1329,

 0.1631, 0.0264,

244.3353, 251.6754

0.0000

286.4161,
294.3182, 304.1826

■ 0.0000, 0.0000,
0.0000

■ 40.8632, 41.0887,
40.4275

■ 40.8632, 41.0887,
40.4275

■ 36.7798, 35.3954,
31.4401

■ 45.4948, 47.4852,
50.8080

■ 33.2207, 30.3758,
23.7836

■ 50.6905, 54.6022,
62.6347

■ 30.1650, 26.0064,
17.3953

■ 56.4700, 62.4634,
75.9612

■ 27.5896, 22.2602,
12.2061

■ 62.8509, 71.0895,
90.8377

■ 25.4689, 19.1083,
8.1404

■ 69.6883, 80.4360,
106.4605

■ 23.7751, 16.5194,
5.1140

■ 74.0599, 89.1792,
107.9177

■ 22.4773, 14.4592,
3.0305

■ 21.5396, 12.8896,
1.7753

■ 21.0244, 11.9881,
1.2058

Harmonies

Analogous

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



41.4217, 41.0887, 43.4433



40.8632, 41.0887, 40.4275



39.8239, 41.0887, 38.6275

Triad

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



40.8632, 41.0887, 40.4275



36.8570, 41.0887, 42.5823



39.5121, 41.0887, 51.7229

Complementary

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



40.8632, 41.0887, 40.4275



40.4909, 44.3786, 52.8867

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.



38.2932, 41.0887, 51.4625



40.8632, 41.0887, 40.4275



36.7775, 41.0887, 46.0594

Square

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



40.8632, 41.0887, 40.4275



37.5177, 41.0887, 39.8257



37.2982, 41.0887, 49.3458



40.6308, 41.0887, 50.0398

Rectangle

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



40.8632, 41.0887, 40.4275



39.0070, 41.0887, 38.2993



37.2982, 41.0887, 49.3458



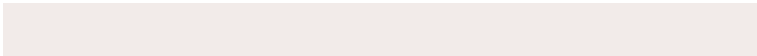
39.1002, 41.0887, 51.8620

Sweetspot

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



40.8643, 41.0905, 40.4284



80.9624, 84.0063, 88.7093



41.6896, 39.9709, 49.2434



17.6843, 18.2998, 19.2087



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



40.8643, 41.0905, 40.4284



71.8341, 71.3742, 68.3273



43.0782, 45.5183, 41.1663



9.1588, 9.3206, 9.4232



14.1908, 8.1579, 0.8267



0.5465, 0.3800, 0.0446

Inverse Universe

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



40.4909, 44.3786, 52.8867



71.0151, 78.5775, 95.6255



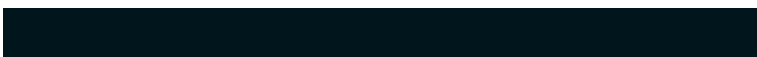
38.2520, 39.9008, 52.1404



9.0964, 9.8701, 11.5051



12.8869, 16.2335, 33.7072



0.4961, 0.6559, 1.2022

Previews

White Background



This preview shows how the XYZ color 40.8632, 41.0887, 40.4275 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 40.8632, 41.0887, 40.4275 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

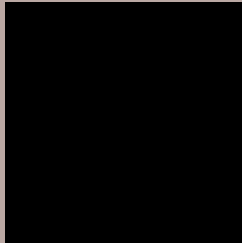
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.8632, 41.0887, 40.4275

Background



This preview shows how black text looks on a background with the XYZ color 40.8632, 41.0887, 40.4275.



This preview shows how white text looks on a background with the XYZ color 40.8632, 41.0887,

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

40.8632, 41.0887, 40.4275

Protanopia

39.4859, 41.1895, 41.4666

Deuteranopia

41.7329, 40.9931, 40.3632



Tritanopia

42.5119, 41.2185, 48.3632

Trichromacy



Original Color

40.8632, 41.0887, 40.4275

Protanomaly

39.8980, 41.1331, 40.9586

Deuteranomaly

41.4158, 41.1006, 40.4007

Tritanomaly

41.8551, 41.2194, 45.2853

Monochromacy



Original Color

40.8632, 41.0887, 40.4275

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

40.0844, 41.4554, 43.4251

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.8632, 41.0887, 40.4275 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(186, 168, 163) looks like.

```
.text, #text, p{  
    color:rgb(186, 168, 163)  
}
```

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(186, 168, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 168, 163) }
```

Border

The CSS property to change the border of an element to XYZ 40.8632, 41.0887, 40.4275 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(186, 168, 163) }
```


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

```
.border{ border-color:rgb(186, 168, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 168, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 168, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 168, 163);  
box-shadow:4px 4px 4px 4px rgb(186, 168,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 40.8632, 41.0887, 40.4275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 168, 163) }
```

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

```
.background{ background-color: rgb(186,  
168, 163) }
```

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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