

Converting Colors

XYZ(41.5886, 41.6591, 40.1631)

Have a look what the booklet for
XYZ(41.5886, 41.6591, 40.1631)
contains.

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Color

**XYZ(41.6958, 41.8034,
40.0537)**

Conversions

Conversions Part 1

Format	Color
Hex	BDA9A2
RGB	189, 169, 162
RGB Percent	74%, 66%, 64%
CMY	0.2588, 0.3372, 0.3647
CMYK	0.00, 0.11, 0.14, 0.26
HSL	16°, 17%, 69%
HSV	16°, 14%, 74%
XYZ	41.6958, 41.8034, 40.0537
YIQ	174.1820, 14.1670, 2.0630

Conversions

Conversions Part 2

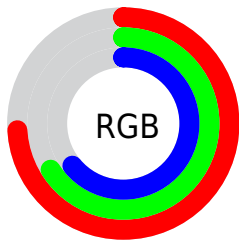
Format	Color
RYB	189, 171, 162
Decimal	12429730
CIELab	70.74, 6.06, 6.24
CIELCh	71, 8.697, 45.847
Yxy	41.8034, 0.3375, 0.3383
Android (android.graphics.Color)	4290619810 (0xFFBDA9A2)
YUV	174.1820, -6.0057, 12.9954
Hunter-Lab	64.6555, 1.9659, 8.5291

Details

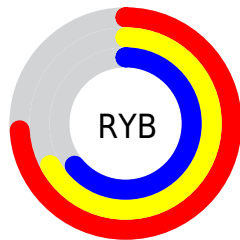
The XYZ color **41.6958, 41.8034, 40.0537** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.8133, 44.8104, 54.6426**, and the grayscale version is **40.3514, 42.4528, 46.2311**.

A 20% lighter version of the original color is **76.8362, 77.7335, 76.6000**, and **19.1674, 18.9993, 17.4088** is the 20% darker color. If you saturate the color by 10%, you get **37.6745, 36.2502, 31.0382**, and if you desaturate by 10%, it is **46.2507, 48.0189, 50.4939**.

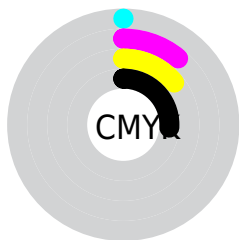
Distribution



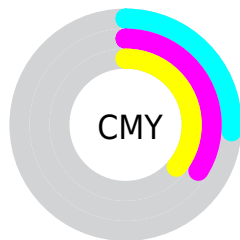
- Red (74%)
- Green (66%)
- Blue (64%)



- Red (74%)
- Yellow (67%)
- Blue (64%)



- Cyan (0%)
- Magenta (11%)
- Yellow (14%)
- Black (26%)





- Cyan (26%)
- Magenta (34%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.6958, 41.8034, 40.0537 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 41.6958, 41.8034, 40.0537 by changing the saturation by 10% instead.


 41.6958, 41.8034,
40.0537


 41.6958, 41.8034,
40.0537

344.2335,
353.6673, 361.9087

 29.0532, 28.9474,
27.2663


 77.0071, 77.9020,
76.4833

 19.2656, 19.0410,
17.5391


 100.4065,
101.9134, 100.9625

 11.9675, 11.6999,
10.4536

128.1223,
130.4120, 130.1761

 6.7936, 6.5397,
5.5912

160.5197,
163.7822, 164.5427

 3.3785, 3.1759,
2.5334

197.9642,
202.4084, 204.4806

 1.3570, 1.2243,
0.8578

240.8211,

 0.2252, 0.0814,

246.6751, 250.4086

0.0000

289.4557,
296.9666, 302.7451

■ 0.0000, 0.0000,
0.0000

■ 41.6958, 41.8034,
40.0537

■ 41.6958, 41.8034,
40.0537

■ 37.6745, 36.2502,
31.0382

■ 46.2507, 48.0189,
50.4939

■ 34.1635, 31.3318,
23.3826

■ 51.3547, 54.9121,
62.4144

■ 31.1427, 27.0269,
17.0212

■ 57.0269, 62.5048,
75.8710

■ 28.5891, 23.3108,
11.8817

■ 63.2843, 70.8161,
90.9158

■ 26.4781, 20.1571,
7.8845

■ 69.9006, 79.7673,
106.3202

■ 24.7824, 17.5374,
4.9407

■ 74.1584, 88.2830,
107.7395

■ 23.4716, 15.4204,
2.9477

■ 74.7964, 89.5589,
107.9521

■ 22.5100, 13.7713,
1.7823

■ 22.0858, 13.0176,
1.3486

Harmonies

Analogous

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



42.4604, 41.8034, 43.3826



41.6958, 41.8034, 40.0537



40.4147, 41.8034, 38.2429

Triad

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



41.6958, 41.8034, 40.0537



37.1045, 41.8034, 43.6026



40.4948, 41.8034, 53.5914

Complementary

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



41.6958, 41.8034, 40.0537



40.8133, 44.8104, 54.6426

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.



39.0587, 41.8034, 53.6591



41.6958, 41.8034, 40.0537



37.1247, 41.8034, 47.7198

Square

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



41.6958, 41.8034, 40.0537



37.7765, 41.8034, 40.2063



37.8325, 41.8034, 51.4553



41.7557, 41.8034, 51.2754

Rectangle

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



41.6958, 41.8034, 40.0537



39.4511, 41.8034, 38.0653



37.8325, 41.8034, 51.4553



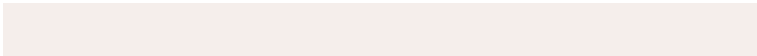
40.0160, 41.8034, 53.8823

Sweetspot

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



41.6969, 41.8053, 40.0546



83.0261, 86.2613, 90.8775



42.3764, 40.0478, 49.8885



17.7143, 18.3600, 19.2187



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.



41.6969, 41.8053, 40.0546



72.4291, 71.7796, 66.6524



44.2874, 46.9863, 40.9181



9.7260, 9.9280, 9.9803



14.9135, 8.8658, 0.9252



0.6393, 0.4574, 0.0546

Inverse Universe

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



40.8133, 44.8104, 54.6426



70.5539, 78.1513, 97.5923



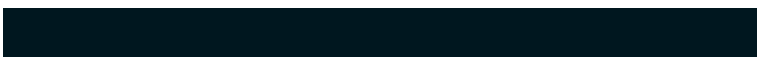
38.2276, 39.6391, 53.7807



9.5934, 10.3792, 12.1700



12.5519, 15.2156, 34.6682



0.5418, 0.6963, 1.3747

Previews

White Background



This preview shows how the XYZ color 41.6958, 41.8034, 40.0537 looks on a white background.

Color Contrast Check

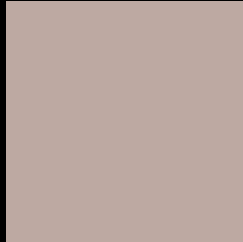
Large Text (above 18pt) WCAG AA × Fail

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 41.6958, 41.8034, 40.0537 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

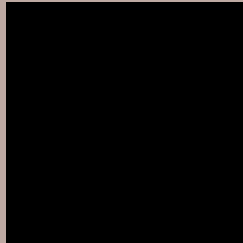
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.6958, 41.8034, 40.0537

Background



This preview shows how black text looks on a background with the XYZ color 41.6958, 41.8034, 40.0537.



This preview shows how white text looks on a background with the XYZ color 41.6958, 41.8034,

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

41.6958, 41.8034, 40.0537

Protanopia

39.8135, 41.6504, 41.0629

Deuteranopia

42.5884, 41.7154, 39.9896



Tritanopia

43.2588, 41.6035, 48.3981

Trichromacy



Original Color

41.6958, 41.8034, 40.0537

Protanomaly

40.4652, 41.7152, 40.5694

Deuteranomaly

42.2624, 41.8204, 40.0271

Tritanomaly

42.5967, 41.6017, 45.3200

Monochromacy



Original Color

41.6958, 41.8034, 40.0537

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.5986, 41.9910, 43.9955

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.6958, 41.8034, 40.0537 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(189, 169, 162)` looks like.

```
.text, #text, p{  
    color:rgb(189, 169, 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(189, 169, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 169, 162) }
```

Border

The CSS property to change the border of an element to XYZ 41.6958, 41.8034, 40.0537 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(189, 169, 162) }
```


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

```
.border{ border-color:rgb(189, 169, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 169, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 169, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 169, 162);  
box-shadow:4px 4px 4px 4px rgb(189, 169,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 41.6958, 41.8034, 40.0537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 169, 162) }
```

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

```
.background{ background-color: rgb(189,  
169, 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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