

Converting Colors

XYZ(41.3299, 41.0152, 43.7533)

Have a look what the booklet for
XYZ(41.3299, 41.0152, 43.7533)
contains.

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Color

**XYZ(41.3241, 40.9788,
43.7619)**

Conversions

Conversions Part 1

Format	Color
Hex	BAA7AA
RGB	186, 167, 170
RGB Percent	73%, 65%, 67%
CMY	0.2706, 0.3451, 0.3333
CMYK	0.00, 0.10, 0.09, 0.27
HSL	351°, 12%, 69%
HSV	351°, 10%, 73%
XYZ	41.3241, 40.9788, 43.7619
YIQ	173.0230, 10.3610, 4.9610

Conversions

Conversions Part 2

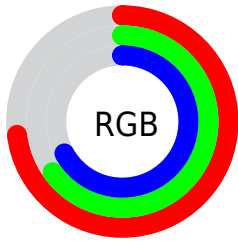
Format	Color
RYB	186, 167, 170
Decimal	12232618
CIELab	70.16, 7.40, 0.96
CIELCh	70, 7.462, 7.371
Yxy	40.9788, 0.3278, 0.3251
Android (android.graphics.Color)	4290422698 (0xFFBAA7AA)
YUV	173.0230, -1.4903, 11.3808
Hunter-Lab	64.0147, 3.2034, 4.2783

Details

The XYZ color **41.3241, 40.9788, 43.7619** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.0440, 46.7532, 51.6103**, and the grayscale version is **39.7368, 41.8062, 45.5270**.

A 20% lighter version of the original color is **76.3298, 76.5560, 81.9879**, and **19.0736, 18.5560, 19.7159** is the 20% darker color. If you saturate the color by 10%, you get **36.7641, 34.0904, 35.3609**, and if you desaturate by 10%, it is **46.5532, 48.9216, 53.2582**.

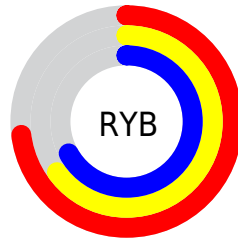
Distribution



Red (73%)

Green (65%)

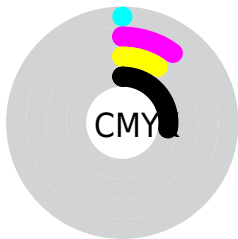
Blue (67%)



Red (73%)

Yellow (65%)

Blue (67%)

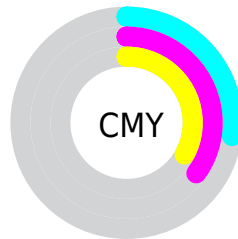


Cyan (0%)

Magenta (10%)

Yellow (9%)

Black (27%)



Cyan (27%)

Magenta (35%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.3241, 40.9788, 43.7619 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 41.3241, 40.9788, 43.7619 by changing the saturation by 10% instead.

■ 41.3241, 40.9788,
43.7619

■ 41.3241, 40.9788,
43.7619

342.7129,
350.2320, 377.7486

■ 28.7612, 28.3025,
30.1475

■ 76.4472, 76.6517,
82.1580

■ 19.0436, 18.5538,
19.6976

■ 99.7382, 100.4171,
107.7768

■ 11.8060, 11.3483,
11.9935

127.3359,
128.6477, 138.2342

■ 6.6830, 6.3016,
6.6168

159.6057,
161.7279, 173.9487

■ 3.3092, 3.0294,
3.1488

196.9129,
200.0420, 215.3389

■ 1.3193, 1.1471,
1.1711

239.6230,

■ 0.1976, 0.0178,

243.9744, 262.8232

0.0000

288.1012,
293.9097, 316.8203

■ 0.0000, 0.0000,
0.0000

■ 41.3241, 40.9788,
43.7619

■ 41.3241, 40.9788,
43.7619

■ 36.7641, 34.0904,
35.3609

■ 46.5532, 48.9216,
53.2582

■ 32.8426, 28.2069,
28.0131

■ 52.4733, 57.9550,
63.8847

■ 29.5320, 23.2829,
21.6776

■ 59.1097, 68.1200,
75.6779

■ 26.8012, 19.2673,
16.3096

■ 66.4853, 79.4538,
88.6718

■ 24.6164, 16.1043,
11.8612

■ 73.0045, 88.7571,
102.3601

■ 22.9401, 13.7320,
8.2800

■ 74.0599, 89.1792,
107.9177

■ 21.7300, 12.0800,
5.5086

■ 20.9369, 11.0654,
3.4822

■ 20.4759, 10.5296,
2.1379

Harmonies

Analogous

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



41.1565, 40.9788, 47.2562



41.3241, 40.9788, 43.7619



40.8448, 40.9788, 40.6611

Triad

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



41.3241, 40.9788, 43.7619



37.5414, 40.9788, 39.4860



38.0528, 40.9788, 51.1171

Complementary

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



41.3241, 40.9788, 43.7619



42.0440, 46.7532, 51.6103

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.



37.1130, 40.9788, 48.8257



41.3241, 40.9788, 43.7619



36.8221, 40.9788, 42.0816

Square

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



41.3241, 40.9788, 43.7619



38.6487, 40.9788, 38.2776



36.6669, 40.9788, 45.4871



39.2511, 40.9788, 51.6246

Rectangle

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



41.3241, 40.9788, 43.7619



40.2287, 40.9788, 39.1926



36.6669, 40.9788, 45.4871



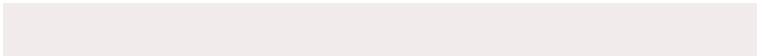
37.6969, 40.9788, 50.5243

Sweetspot

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



41.3253, 40.9806, 43.7628



81.5662, 84.3918, 91.4454



42.1717, 41.2313, 52.1906



17.7894, 18.3218, 19.8246



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.



41.3253, 40.9806, 43.7628



73.1676, 71.6503, 76.1427



42.2336, 43.2458, 42.6827



9.0608, 9.0347, 9.6678



13.7939, 7.0913, 1.5356



0.5045, 0.2573, 0.1501

Inverse Universe

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



41.3253, 40.9806, 43.7628



73.1676, 71.6503, 76.1427



41.0548, 44.2701, 52.8360



9.0608, 9.0347, 9.6678



13.7939, 7.0913, 1.5356



0.5045, 0.2573, 0.1501

Previews

White Background



This preview shows how the XYZ color 41.3241, 40.9788, 43.7619 looks on a white background.

Color Contrast Check

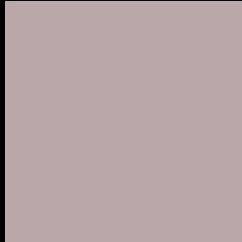
Large Text (above 18pt) WCAG AA × Fail

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 41.3241, 40.9788, 43.7619 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

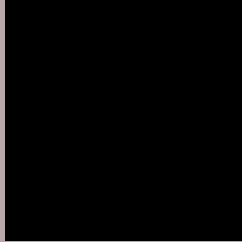
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.3241, 40.9788, 43.7619

Background



This preview shows how black text looks on a background with the XYZ color 41.3241, 40.9788, 43.7619.



This preview shows how white text looks on a background with the XYZ color 41.3241, 40.9788,

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

41.3241, 40.9788, 43.7619

Protanopia

39.4649, 41.1030, 44.8834

Deuteranopia

41.8782, 40.9935, 43.7355



Tritanopia

42.2664, 41.0919, 48.3517

Trichromacy



Original Color

41.3241, 40.9788, 43.7619

Protanomaly

40.0855, 41.1547, 44.3590

Deuteranomaly

41.6310, 40.8661, 43.7240

Tritanomaly

41.9662, 40.9718, 46.7708

Monochromacy



Original Color

41.3241, 40.9788, 43.7619

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

40.3694, 41.5694, 44.9257

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3241, 40.9788, 43.7619 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, 167, 170)` looks like.

```
.text, #text, p{  
    color:rgb(186, 167, 170)  
}
```

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, 167, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 167, 170) }
```

Border

The CSS property to change the border of an element to XYZ 41.3241, 40.9788, 43.7619 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, 167, 170) }
```


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

```
.border{ border-color:rgb(186, 167, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 167, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 167, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 167, 170);  
box-shadow:4px 4px 4px 4px rgb(186, 167,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3241, 40.9788, 43.7619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 167, 170) }
```

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

```
.background{ background-color: rgb(186,  
167, 170) }
```

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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