

Converting Colors

XYZ(41.7643, 42.8704, 40.8760)

Have a look what the booklet for
XYZ(41.7643, 42.8704, 40.8760)
contains.

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Color

**XYZ(41.8041, 42.9706,
40.7412)**

Conversions

Conversions Part 1

Format	Color
Hex	BAADA3
RGB	186, 173, 163
RGB Percent	73%, 68%, 64%
CMY	0.2706, 0.3216, 0.3608
CMYK	0.00, 0.07, 0.12, 0.27
HSL	26°, 14%, 68%
HSV	26°, 12%, 73%
XYZ	41.8041, 42.9706, 40.7412
YIQ	175.7470, 10.9580, -0.3540

Conversions

Conversions Part 2

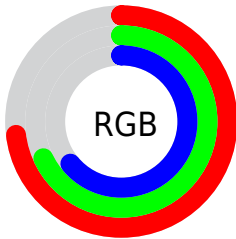
Format	Color
R _Y B	186, 181, 163
Decimal	12234147
CIE Lab	71.54, 2.94, 6.80
CIE LCh	72, 7.411, 66.637
Yxy	42.9706, 0.3331, 0.3424
Android (android.graphics.Color)	4290424227 (0xFFBAADA3)
YUV	175.7470, -6.2843, 8.9919
Hunter-Lab	65.5520, -0.8821, 9.0370

Details

The XYZ color **41.8041, 42.9706, 40.7412** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.4923, 42.3814, 52.5536**, and the grayscale version is **41.1637, 43.3075, 47.1618**.

A 20% lighter version of the original color is **77.0162, 79.4260, 77.6012**, and **19.3795, 19.8090, 17.8410** is the 20% darker color. If you saturate the color by 10%, you get **38.3222, 38.4803, 31.9543**, and if you desaturate by 10%, it is **45.6920, 47.8798, 50.8738**.

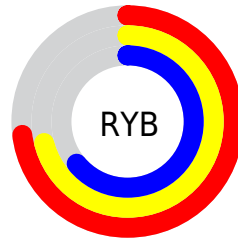
Distribution



Red (73%)

Green (68%)

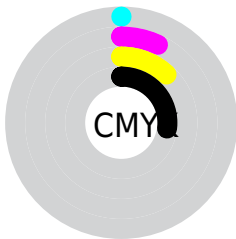
Blue (64%)



Red (73%)

Yellow (71%)

Blue (64%)

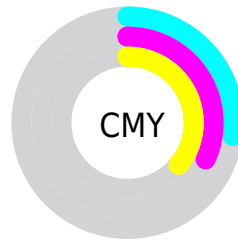


Cyan (0%)

Magenta (7%)

Yellow (12%)

Black (27%)



Cyan (27%)


Magenta (32%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.8041, 42.9706, 40.7412 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 41.8041, 42.9706, 40.7412 by changing the saturation by 10% instead.


 41.8041, 42.9706,
40.7412


 41.8041, 42.9706,
40.7412


344.6757,
358.4908, 364.8824

 29.1384, 29.8620,
27.7987


 77.1701, 79.6665,
77.5403

 19.3303, 19.7339,
17.9363


 100.6010,
104.0226, 102.2340

 12.0146, 12.2018,
10.7353


128.3511,
132.8967, 131.6818

 6.8259, 6.8812,
5.7772

160.7857,
166.6732, 166.3024

 3.3988, 3.3879,
2.6435

198.2700,
205.7365, 206.5141

 1.3680, 1.3375,
0.9148

241.1696,

 0.2333, 0.1699,

250.4709, 252.7357

0.0000

289.8497,
301.2609, 305.3856

■ 0.0000, 0.0000,
0.0000

■ 41.8041, 42.9706,
40.7412

■ 41.8041, 42.9706,
40.7412

■ 38.3222, 38.4803,
31.9543

■ 45.6920, 47.8798,
50.8738

■ 35.2286, 34.3918,
24.4530

■ 49.9960, 53.2134,
62.4032

■ 32.5093, 30.6949,
18.1768

■ 54.7301, 58.9837,
75.3813

■ 30.1478, 27.3768,
13.0589

■ 59.9066, 65.2009,
89.8563

■ 28.1266, 24.4238,
9.0264

■ 65.3754, 71.8103,
105.0229

■ 26.4262, 21.8215,
5.9977

■ 68.3141, 77.6877,
106.0024

■ 25.0246, 19.5540,
3.8796

■ 71.4309, 83.9213,
107.0414

■ 23.8965, 17.6035,
2.5610

■ 74.0598, 89.1792,
107.9177

■ 23.1848, 16.3091,
1.9260

Harmonies

Analogous

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



42.8041, 42.9706, 42.7940



41.8041, 42.9706, 40.7412



40.5647, 42.9706, 40.2698

Triad

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



41.8041, 42.9706, 40.7412



38.4981, 42.9706, 47.5888



42.2953, 42.9706, 52.5393

Complementary

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



41.8041, 42.9706, 40.7412



39.4923, 42.3814, 52.5536

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.



41.1211, 42.9706, 53.9734



41.8041, 42.9706, 40.7412



38.9413, 42.9706, 51.0225

Square

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



41.8041, 42.9706, 40.7412



38.6725, 42.9706, 44.1073



39.8953, 42.9706, 53.4046



43.0917, 42.9706, 49.5745

Rectangle

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



41.8041, 42.9706, 40.7412



39.7727, 42.9706, 40.8931



39.8953, 42.9706, 53.4046



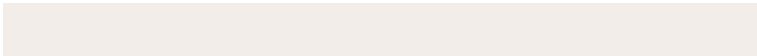
41.9308, 42.9706, 53.2231

Sweetspot

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



41.8053, 42.9725, 40.7421



81.5680, 85.2175, 88.9112



41.1871, 39.7700, 46.5976



17.8414, 18.6141, 19.2611



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.



41.8053, 42.9725, 40.7421



73.8800, 75.4660, 69.0093



44.0985, 47.5590, 41.5065



9.3173, 9.6376, 9.4761



15.6697, 11.1158, 1.3197



0.6142, 0.5154, 0.0671

Inverse Universe

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



39.4923, 42.3814, 52.5536



68.8115, 74.1703, 94.8910



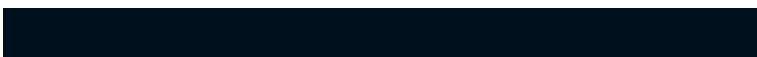
37.3389, 38.0746, 51.8358



8.9308, 9.5388, 11.4499



9.4438, 9.3472, 32.5595



0.3933, 0.4502, 1.1679

Previews

White Background



This preview shows how the XYZ color 41.8041, 42.9706, 40.7412 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 41.8041, 42.9706, 40.7412 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

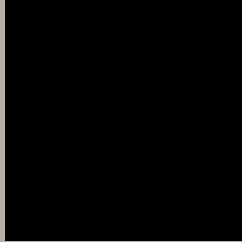
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.8041, 42.9706, 40.7412

Background



This preview shows how black text looks on a background with the XYZ color 41.8041, 42.9706, 40.7412.



This preview shows how white text looks on a background with the XYZ color 41.8041, 42.9706,

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

41.8041, 42.9706, 40.7412

Protanopia

41.0869, 43.1640, 41.2879

Deuteranopia

43.6538, 42.7920, 41.0808



Tritanopia

43.9082, 42.9872, 50.7829

Trichromacy



Original Color

41.8041, 42.9706, 40.7412

Protanomaly

41.3653, 43.0197, 41.2454

Deuteranomaly

42.8138, 42.6363, 41.0950

Tritanomaly

43.1384, 42.9518, 47.0912

Monochromacy



Original Color

41.8041, 42.9706, 40.7412

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.5030, 43.3035, 44.6990

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.8041, 42.9706, 40.7412 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, 173, 163)` looks like.

```
.text, #text, p{  
    color:rgb(186, 173, 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, 173, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 173, 163) }
```

Border

The CSS property to change the border of an element to XYZ 41.8041, 42.9706, 40.7412 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, 173, 163) }
```


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

```
.border{ border-color:rgb(186, 173, 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, 173, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 173, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 173, 163);  
box-shadow:4px 4px 4px 4px rgb(186, 173,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 41.8041, 42.9706, 40.7412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 173, 163) }
```

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

```
.background{ background-color: rgb(186,  
173, 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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