

Converting Colors

XYZ(41.2279, 40.9401, 43.2597)

Have a look what the booklet for
XYZ(41.2279, 40.9401, 43.2597)
contains.

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Color

**XYZ(41.2298, 40.9411,
43.2655)**

Conversions

Conversions Part 1

Format	Color
Hex	BAA7A9
RGB	186, 167, 169
RGB Percent	73%, 65%, 66%
CMY	0.2706, 0.3451, 0.3373
CMYK	0.00, 0.10, 0.09, 0.27
HSL	354°, 12%, 69%
HSV	354°, 10%, 73%
XYZ	41.2298, 40.9411, 43.2655
YIQ	172.9090, 10.6820, 4.6500

Conversions

Conversions Part 2

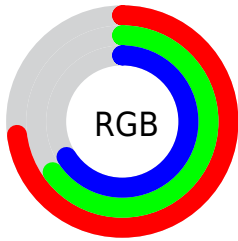
Format	Color
R_{YB}	186, 167, 169
Decimal	12232617
CIE Lab	70.13, 7.23, 1.47
CIE LCh	70, 7.374, 11.514
Yxy	40.9411, 0.3287, 0.3264
Android (android.graphics.Color)	4290422697 (0xFFBAA7A9)
YUV	172.9090, -1.9271, 11.4808
Hunter-Lab	63.9852, 3.0449, 4.6990

Details

The XYZ color **41.2298, 40.9411, 43.2655** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.1485, 46.7949, 52.1604**, and the grayscale version is **39.6807, 41.7472, 45.4627**.

A 20% lighter version of the original color is **76.1938, 76.5016, 81.2715**, and **19.0145, 18.5324, 19.4046** is the 20% darker color. If you saturate the color by 10%, you get **36.6000, 34.0248, 34.4973**, and if you desaturate by 10%, it is **46.5509, 48.9208, 53.2466**.

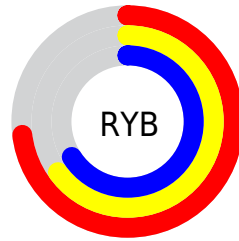
Distribution



Red (73%)

Green (65%)

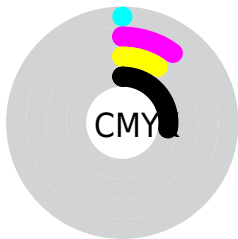
Blue (66%)



Red (73%)

Yellow (65%)

Blue (66%)

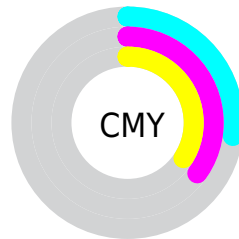


Cyan (0%)

Magenta (10%)

Yellow (9%)

Black (27%)



Cyan (27%)


Magenta (35%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.2298, 40.9411, 43.2655 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 41.2298, 40.9411, 43.2655 by changing the saturation by 10% instead.

 41.2298, 40.9411,
43.2655


 41.2298, 40.9411,
43.2655


342.3263,
350.0744, 375.6557

 28.6872, 28.2731,
29.7605


 76.3051, 76.5945,
81.4020

 18.9874, 18.5316,
19.4064


 99.5685, 100.3486,
106.8706

 11.7651, 11.3323,
11.7845


127.1362,
128.5669, 137.1642

 6.6550, 6.2908,
6.4764

159.3735,
161.6337, 172.7014

 3.2917, 3.0227,
3.0634

196.6458,
199.9335, 213.9005

 1.3098, 1.1436,
1.1271

239.3185,

 0.1906, 0.0149,

243.8506, 261.1803

0.0000

287.7569,
293.7694, 314.9592

■ 0.0000, 0.0000,
0.0000

■ 41.2298, 40.9411,
43.2655

■ 41.2298, 40.9411,
43.2655

■ 36.6000, 34.0248,
34.4973

■ 46.5509, 48.9208,
53.2466

■ 32.6299, 28.1218,
26.8933

■ 52.5866, 58.0004,
64.4817

■ 29.2904, 23.1862,
20.4052

■ 59.3632, 68.2214,
77.0132

■ 26.5488, 19.1663,
14.9803

■ 66.9047, 79.6215,
90.8806

■ 24.3696, 16.0056,
10.5618

■ 73.6165, 89.0018,
105.5828

■ 22.7136, 13.6414,
7.0875

■ 74.0599, 89.1792,
107.9177

■ 21.5362, 12.0025,
4.4881

■ 20.7855, 11.0048,
2.6850

■ 20.3721, 10.4881,
1.5917

Harmonies

Analogous

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



41.1540, 40.9411, 46.7167



41.2298, 40.9411, 43.2655



40.6754, 40.9411, 40.3198

Triad

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



41.2298, 40.9411, 43.2655



37.3966, 40.9411, 39.7881



38.1827, 40.9411, 51.1770

Complementary

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



41.2298, 40.9411, 43.2655



42.1485, 46.7949, 52.1604

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.



37.2028, 40.9411, 49.1257



41.2298, 40.9411, 43.2655



36.7554, 40.9411, 42.5054

Square

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



41.2298, 40.9411, 43.2655



38.4523, 40.9411, 38.3825



36.6852, 40.9411, 45.9166



39.3779, 40.9411, 51.4065

Rectangle

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



41.2298, 40.9411, 43.2655



40.0297, 40.9411, 38.9924



36.6852, 40.9411, 45.9166



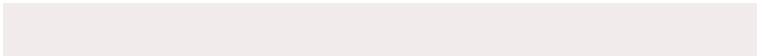
37.8179, 40.9411, 50.6729

Sweetspot

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



41.2309, 40.9429, 43.2664



81.5106, 84.3696, 91.1527



42.3981, 41.3480, 52.2011



17.7741, 18.3156, 19.7438



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.



41.2309, 40.9429, 43.2664



72.9685, 71.5707, 75.0942



42.4168, 43.6123, 42.7438



9.0420, 9.0272, 9.5684



13.7195, 7.0616, 1.1439



0.4964, 0.2540, 0.1075

Inverse Universe

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



41.2309, 40.9429, 43.2664



72.9685, 71.5707, 75.0942



40.8641, 43.8888, 52.7723



9.0420, 9.0272, 9.5684



13.7195, 7.0616, 1.1439



0.4964, 0.2540, 0.1075

Previews

White Background



This preview shows how the XYZ color 41.2298, 40.9411, 43.2655 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 41.2298, 40.9411, 43.2655 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

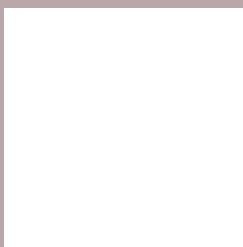
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.2298, 40.9411, 43.2655

Background



This preview shows how black text looks on a background with the XYZ color 41.2298, 40.9411, 43.2655.



This preview shows how white text looks on a background with the XYZ color 41.2298, 40.9411,

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

41.2298, 40.9411, 43.2655

Protanopia

39.5928, 41.1801, 44.3899

Deuteranopia

41.7839, 40.9558, 43.2391



Tritanopia

42.1656, 41.0516, 47.8209

Trichromacy



Original Color

41.2298, 40.9411, 43.2655

Protanomaly

40.2208, 41.2354, 43.8696

Deuteranomaly

41.5367, 40.8284, 43.2276

Tritanomaly

41.8676, 40.9324, 46.2515

Monochromacy



Original Color

41.2298, 40.9411, 43.2655

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 41.2298, 40.9411, 43.2655 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, 169)` looks like.

```
.text, #text, p{  
    color:rgb(186, 167, 169)  
}
```

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, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 167, 169) }
```

Border

The CSS property to change the border of an element to XYZ 41.2298, 40.9411, 43.2655 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, 169) }
```


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

```
.border{ border-color:rgb(186, 167, 169) }
```

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, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 167, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 167, 169);  
box-shadow:4px 4px 4px 4px rgb(186, 167,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2298, 40.9411, 43.2655 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, 169) }
```

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

```
.background{ background-color: rgb(186,  
167, 169) }
```

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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