

Converting Colors

XYZ(41.0246, 40.9292, 42.2219)

Have a look what the booklet for
XYZ(41.0246, 40.9292, 42.2219)
contains.

XYZ(41.0435, 40.8666, 42.2840)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(41.0435, 40.8666,
42.2840)**

Conversions

Conversions Part 1

Format	Color
Hex	BAA7A7
RGB	186, 167, 167
RGB Percent	73%, 65%, 65%
CMY	0.2706, 0.3451, 0.3451
CMYK	0.00, 0.10, 0.10, 0.27
HSL	0°, 12%, 69%
HSV	0°, 10%, 73%
XYZ	41.0435, 40.8666, 42.2840
YIQ	172.6810, 11.3240, 4.0280

Conversions

Conversions Part 2

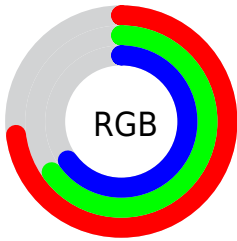
Format	Color
R_{YB}	186, 167, 167
Decimal	12232615
CIE Lab	70.08, 6.88, 2.50
CIE LCh	70, 7.321, 19.985
Yxy	40.8666, 0.3305, 0.3291
Android (android.graphics.Color)	4290422695 (0xFFBAA7A7)
YUV	172.6810, -2.8007, 11.6808
Hunter-Lab	63.9270, 2.7314, 5.5320

Details

The XYZ color **41.0435, 40.8666, 42.2840** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.3580, 46.8776, 53.2707**, and the grayscale version is **39.5688, 41.6295, 45.3345**.

A 20% lighter version of the original color is **75.9240, 76.3937, 79.8511**, and **18.8981, 18.4858, 18.7917** is the 20% darker color. If you saturate the color by 10%, you get **36.2810, 33.8981, 32.8145**, and if you desaturate by 10%, it is **46.5455, 48.9175, 53.2212**.

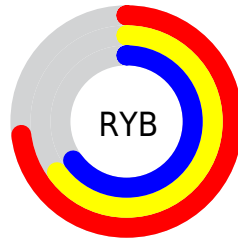
Distribution



Red (73%)

Green (65%)

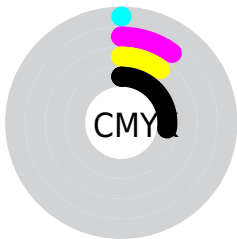
Blue (65%)



Red (73%)

Yellow (65%)

Blue (65%)

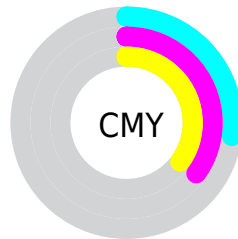


Cyan (0%)

Magenta (10%)

Yellow (10%)

Black (27%)



Cyan (27%)

Magenta (35%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.0435, 40.8666, 42.2840 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 41.0435, 40.8666, 42.2840 by changing the saturation by 10% instead.


 41.0435, 40.8666,
42.2840


 41.0435, 40.8666,
42.2840

341.5619,
349.7628, 371.4932

 28.5409, 28.2149,
28.9965


 76.0242, 76.4813,
79.9040

 18.8763, 18.4877,
18.8326


 99.2330, 100.2131,
105.0736

 11.6844, 11.3007,
11.3738


126.7413,
128.4071, 135.0409

 6.5998, 6.2695,
6.2015

158.9144,
161.4476, 170.2246

 3.2572, 3.0096,
2.8972

196.1176,
199.7190, 211.0431

 1.2912, 1.1368,
1.0424

238.7164,

 0.1766, 0.0091,

243.6057, 257.9150

0.0000

287.0760,
293.4922, 311.2589

■ 0.0000, 0.0000,
0.0000

■ 41.0435, 40.8666,
42.2840

■ 41.0435, 40.8666,
42.2840

■ 36.2810, 33.8981,
32.8145

■ 46.5455, 48.9175,
53.2212

■ 32.2234, 27.9607,
24.7477

■ 52.8131, 58.0884,
65.6821

■ 28.8381, 23.0071,
18.0179

■ 59.8753, 68.4219,
79.7227

■ 26.0890, 18.9843,
12.5527

■ 67.7584, 79.9567,
95.3958

■ 23.9362, 15.8340,
8.2734

■ 74.0599, 89.1792,
107.9177

■ 22.3356, 13.4918,
5.0919

■ 21.2369, 11.8840,
2.9084

■ 20.5808, 10.9237,
1.6047

■ 20.2503, 10.4400,
0.9478

Harmonies

Analogous

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



41.1509, 40.8666, 45.6517



41.0435, 40.8666, 42.2840



40.3396, 40.8666, 39.6418

Triad

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



41.0435, 40.8666, 42.2840



37.1081, 40.8666, 40.3958



38.4440, 40.8666, 51.3012

Complementary

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



41.0435, 40.8666, 42.2840



42.3580, 46.8776, 53.2707

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.



37.3828, 40.8666, 49.7328



41.0435, 40.8666, 42.2840



36.6220, 40.8666, 43.3615

Square

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



41.0435, 40.8666, 42.2840



38.0620, 40.8666, 38.5911



36.7216, 40.8666, 46.7854



39.6336, 40.8666, 50.9762

Rectangle

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



41.0435, 40.8666, 42.2840



39.6347, 40.8666, 38.5921



36.7216, 40.8666, 46.7854



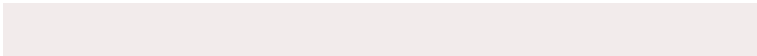
38.0609, 40.8666, 50.9749

Sweetspot

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



41.0446, 40.8684, 42.2849



81.4004, 84.3261, 90.5703



42.9319, 41.6223, 52.2260



17.7437, 18.3036, 19.5832



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.



41.0446, 40.8684, 42.2849



72.5778, 71.4165, 73.0302



42.8488, 44.4768, 42.8863



9.0048, 9.0125, 9.3719



13.6237, 7.0237, 0.6377



0.4803, 0.2477, 0.0225

Inverse Universe

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



42.3580, 46.8776, 53.2707



75.3824, 84.2489, 96.4900



40.4234, 43.0083, 52.6258



9.2666, 10.2104, 11.5618



17.7710, 26.0017, 35.3353



0.6265, 0.9167, 1.2457

Previews

White Background



This preview shows how the XYZ color 41.0435, 40.8666, 42.2840 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 41.0435, 40.8666, 42.2840 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 41.0435, 40.8666, 42.2840

Background



This preview shows how black text looks on a background with the XYZ color 41.0435, 40.8666, 42.2840.



This preview shows how white text looks on a background with the XYZ color 41.0435, 40.8666,

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

41.0435, 40.8666, 42.2840

Protanopia

39.4035, 41.1044, 43.3933

Deuteranopia

41.5975, 40.8813, 42.2577



Tritanopia

42.2301, 40.8160, 47.7720

Trichromacy



Original Color

41.0435, 40.8666, 42.2840

Protanomaly

40.0330, 41.1603, 42.8806

Deuteranomaly

41.3503, 40.7538, 42.2461

Tritanomaly

41.7697, 40.8932, 45.7361

Monochromacy



Original Color

41.0435, 40.8666, 42.2840

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

40.2737, 41.5311, 44.4217

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.0435, 40.8666, 42.2840 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, 167)` looks like.

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

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, 167) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 41.0435, 40.8666, 42.2840 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, 167) }
```


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

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

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, 167)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 41.0435, 40.8666, 42.2840 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, 167) }
```

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

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

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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