

Converting Colors

XYZ(41.1073, 42.8923, 42.3084)

Have a look what the booklet for
XYZ(41.1073, 42.8923, 42.3084)
contains.

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Color

**XYZ(41.0750, 42.8490,
42.1822)**

Conversions

Conversions Part 1

Format	Color
Hex	B5AEA6
RGB	181, 174, 166
RGB Percent	71%, 68%, 65%
CMY	0.2902, 0.3176, 0.3490
CMYK	0.00, 0.04, 0.08, 0.29
HSL	32°, 9%, 68%
HSV	32°, 8%, 71%
XYZ	41.0750, 42.8490, 42.1822
YIQ	175.1810, 6.7400, -1.0040

Conversions

Conversions Part 2

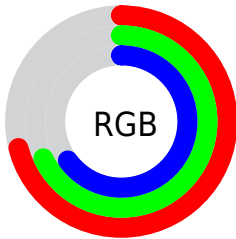
Format	Color
RYB	179, 181, 166
Decimal	11906726
CIELab	71.45, 1.07, 4.98
CIElCh	71, 5.095, 77.860
Yxy	42.8490, 0.3257, 0.3398
Android (android.graphics.Color)	4290096806 (0xFFB5AEA6)
YUV	175.1810, -4.5262, 5.1033
Hunter-Lab	65.4591, -2.5464, 7.6146

Details

The XYZ color **41.0750, 42.8490, 42.1822** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.0098, 41.3296, 49.6378**, and the grayscale version is **40.8625, 42.9905, 46.8167**.

A 20% lighter version of the original color is **75.9955, 79.2636, 79.7006**, and **18.8989, 19.7232, 18.7305** is the 20% darker color. If you saturate the color by 10%, you get **37.9504, 39.0722, 33.5175**, and if you desaturate by 10%, it is **44.5382, 46.9281, 52.1137**.

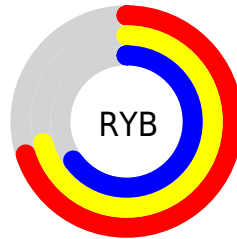
Distribution



Red (71%)

Green (68%)

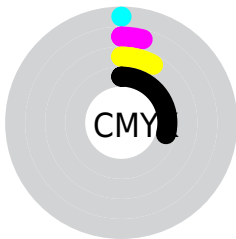
Blue (65%)



Red (70%)

Yellow (71%)

Blue (65%)

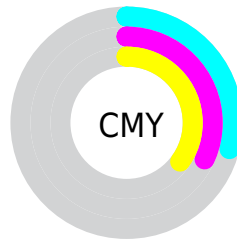


Cyan (0%)

Magenta (4%)

Yellow (8%)

Black (29%)



Cyan (29%)

Magenta (32%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.0750, 42.8490, 42.1822 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 41.0750, 42.8490, 42.1822 by changing the saturation by 10% instead.

■ 41.0750, 42.8490,
42.1822

■ 41.0750, 42.8490,
42.1822

341.6912,
357.9904, 371.0596

■ 28.5656, 29.7667,
28.9173

■ 76.0717, 79.4829,
79.7484

■ 18.8951, 19.6615,
18.7733

■ 99.2898, 103.8033,
104.8868

■ 11.6981, 12.1493,
11.3314

126.8081,
132.6385, 134.8201

■ 6.6092, 6.8454,
6.1732

158.9920,
166.3729, 169.9669

■ 3.2630, 3.3656,
2.8802

196.2070,
205.3909, 210.7457

■ 1.2943, 1.3255,
1.0338

238.8182,

■ 0.1790, 0.1608,

250.0769, 257.5751

0.0000

287.1912,
300.8153, 310.8735

■ 0.0000, 0.0000,
0.0000

■ 41.0750, 42.8490,
42.1822

■ 41.0750, 42.8490,
42.1822

■ 37.9504, 39.0722,
33.5175

■ 44.5382, 46.9281,
52.1137

■ 35.1493, 35.5845,
26.0651

■ 48.3475, 51.3111,
63.3581

■ 32.6606, 32.3798,
19.7706

■ 52.5144, 56.0070,
75.9623

■ 30.4711, 29.4495,
14.5744

■ 57.0489, 61.0225,
89.9703

■ 28.5665, 26.7848,
10.4112

■ 61.7178, 66.2670,
104.1457

■ 26.9311, 24.3759,
7.2091

■ 63.9396, 70.7106,
104.8863

■ 25.5475, 22.2124,
4.8866

■ 66.2742, 75.3798,
105.6645

■ 24.3954, 20.2826,
3.3484

■ 68.7231, 80.2777,
106.4808

■ 23.4429, 18.5699,
2.4378

■ 71.2880, 85.4074,
107.3357

Harmonies

Analogous

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



41.8449, 42.8490, 43.2351



41.0750, 42.8490, 42.1822



40.2223, 42.8490, 42.2965

Triad

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



41.0750, 42.8490, 42.1822



39.1749, 42.8490, 48.1210



41.9637, 42.8490, 49.9013

Complementary

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



41.0750, 42.8490, 42.1822



39.0098, 41.3296, 49.6378

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.



41.2353, 42.8490, 51.3036



41.0750, 42.8490, 42.1822



39.6286, 42.8490, 50.2512

Square

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



41.0750, 42.8490, 42.1822



39.1333, 42.8490, 45.6676



40.3804, 42.8490, 51.4339



42.3627, 42.8490, 47.6571

Rectangle

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



41.0750, 42.8490, 42.1822



39.7215, 42.8490, 43.0197



40.3804, 42.8490, 51.4339



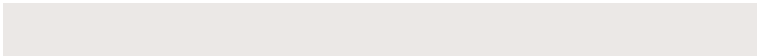
41.7487, 42.8490, 50.4901

Sweetspot

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



41.0762, 42.8509, 42.1831



77.3716, 81.2473, 86.3996



40.2356, 40.1139, 45.1578



16.7375, 17.5777, 18.7165



86.6293, 91.1408, 99.2523



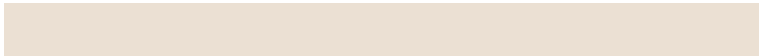
17.0014, 17.8868, 19.4787

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



41.0762, 42.8509, 42.1831



72.4681, 75.4316, 72.4604



42.3463, 45.5648, 42.6400



8.8592, 9.2310, 8.9673



16.1267, 12.7519, 1.6114



0.5651, 0.5167, 0.0699

Inverse Universe

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



39.0098, 41.3296, 49.6378



67.9850, 72.1311, 88.6341



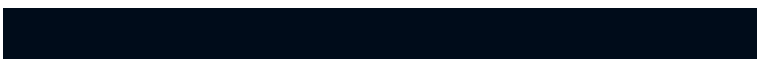
37.8082, 38.7704, 49.2072



8.3578, 8.8618, 10.7763



8.0263, 6.8530, 31.0367



0.3111, 0.3328, 0.9961

Previews

White Background



This preview shows how the XYZ color 41.0750, 42.8490, 42.1822 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 41.0750, 42.8490, 42.1822 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

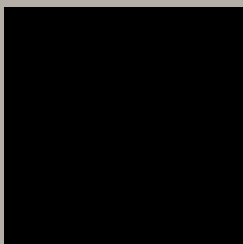
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

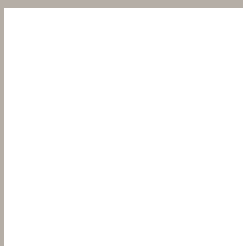
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.0750, 42.8490, 42.1822

Background



This preview shows how black text looks on a background with the XYZ color 41.0750, 42.8490, 42.1822.



This preview shows how white text looks on a background with the XYZ color 41.0750, 42.8490,

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

41.0750, 42.8490, 42.1822

Protanopia

40.8414, 42.7286, 42.1713

Deuteranopia

43.6687, 42.7681, 42.5127



Tritanopia

43.0870, 42.8189, 51.8929

Trichromacy



Original Color

41.0750, 42.8490, 42.1822

Protanomaly

40.8414, 42.7286, 42.1713

Deuteranomaly

42.7732, 42.8630, 42.5782

Tritanomaly

42.3168, 42.7867, 48.1478

Monochromacy



Original Color

41.0750, 42.8490, 42.1822

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

40.9078, 42.9856, 45.1707

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.0750, 42.8490, 42.1822 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(181, 174, 166)` looks like.

```
.text, #text, p{  
    color:rgb(181, 174, 166)  
}
```

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(181, 174, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 174, 166) }
```

Border

The CSS property to change the border of an element to XYZ 41.0750, 42.8490, 42.1822 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(181, 174, 166) }
```


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

```
.border{ border-color:rgb(181, 174, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 174, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 174, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 174, 166);  
box-shadow:4px 4px 4px 4px rgb(181, 174,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 41.0750, 42.8490, 42.1822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 174, 166) }
```

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

```
.background{ background-color: rgb(181,  
174, 166) }
```

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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