

Converting Colors

XYZ(40.3697, 42.3015, 36.9515)

Have a look what the booklet for
XYZ(40.3697, 42.3015, 36.9515)
contains.

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Color

**XYZ(40.3884, 42.3210,
37.0504)**

Conversions

Conversions Part 1

Format	Color
Hex	B7AD9B
RGB	183, 173, 155
RGB Percent	72%, 68%, 61%
CMY	0.2824, 0.3216, 0.3922
CMYK	0.00, 0.05, 0.15, 0.28
HSL	39°, 16%, 66%
HSV	39°, 15%, 72%
XYZ	40.3884, 42.3210, 37.0504
YIQ	173.9380, 11.7380, -3.4780

Conversions

Conversions Part 2

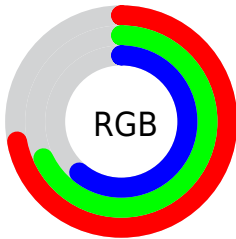
Format	Color
RYB	171, 183, 155
Decimal	12037531
CIELab	71.09, 0.51, 10.53
CIELCh	71, 10.542, 87.237
Yxy	42.3210, 0.3372, 0.3534
Android (android.graphics.Color)	4290227611 (0xFFB7AD9B)
YUV	173.9380, -9.3364, 7.9474
Hunter-Lab	65.0546, -3.0259, 11.7709

Details

The XYZ color **40.3884, 42.3210, 37.0504** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.5198, 37.2969, 50.1270**, and the grayscale version is **40.2434, 42.3392, 46.1074**.

A 20% lighter version of the original color is **74.8486, 78.4410, 71.5173**, and **18.5420, 19.4200, 15.8679** is the 20% darker color. If you saturate the color by 10%, you get **37.7446, 39.3091, 29.1528**, and if you desaturate by 10%, it is **43.3287, 45.5524, 46.1971**.

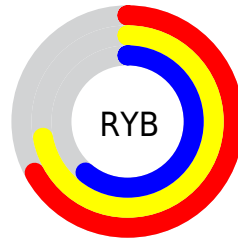
Distribution



Red (72%)

Green (68%)

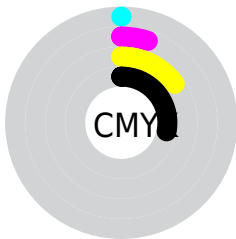
Blue (61%)



Red (67%)

Yellow (72%)

Blue (61%)

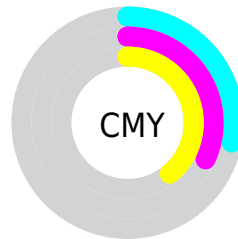


Cyan (0%)

Magenta (5%)

Yellow (15%)

Black (28%)



Cyan (28%)

Magenta (32%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.3884, 42.3210, 37.0504 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 40.3884, 42.3210, 37.0504 by changing the saturation by 10% instead.

■ 40.3884, 42.3210,
37.0504

■ 40.3884, 42.3210,
37.0504

338.8643,
355.8119, 348.7039

■ 28.0271, 29.3527,
24.9504

■ 75.0352, 78.6852,
71.8375

■ 18.4866, 19.3478,
15.8214

■ 98.0513, 102.8499,
95.3617

■ 11.4017, 11.9219,
9.2449

125.3498,
131.5156, 123.5310

■ 6.4070, 6.6905,
4.8023

157.2959,
165.0666, 156.7641

■ 3.1371, 3.2693,
2.0750

194.2551,
203.8874, 195.4793

■ 1.2267, 1.2739,
0.6008

236.5927,

■ 0.1273, 0.1209,

248.3622, 240.0954

0.0000

284.6739,
298.8756, 291.0307

■ 0.0000, 0.0000,
0.0000

■ 40.3884, 42.3210,
37.0504

■ 40.3884, 42.3210,
37.0504

■ 37.7446, 39.3091,
29.1528

■ 43.3287, 45.5524,
46.1971

■ 35.3826, 36.5051,
22.4461

■ 46.5728, 49.0033,
56.6419

■ 33.2914, 33.9047,
16.8719

■ 50.1318, 52.6808,
68.4346

■ 31.4578, 31.5011,
12.3653

■ 54.0153, 56.5902,
81.6217

■ 29.8675, 29.2871,
8.8552

■ 58.2324, 60.7363,
96.2471

■ 28.5043, 27.2548,
6.2613

■ 61.1731, 64.4764,
103.8288

■ 27.3498, 25.3951,
4.4912

■ 62.8416, 67.8134,
104.3849

■ 26.3814, 23.6975,
3.4306

■ 64.5770, 71.2842,
104.9634

■ 25.9680, 22.9462,
3.0604

■ 66.3800, 74.8902,
105.5644

Harmonies

Analogous

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



42.0867, 42.3210, 38.3915



40.3884, 42.3210, 37.0504



38.6937, 42.3210, 37.9788

Triad

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



40.3884, 42.3210, 37.0504



37.2864, 42.3210, 50.6664



43.1423, 42.3210, 51.5345

Complementary

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



40.3884, 42.3210, 37.0504



35.5198, 37.2969, 50.1270

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.



41.7958, 42.3210, 55.2592



40.3884, 42.3210, 37.0504



38.4187, 42.3210, 54.7329

Square

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



40.3884, 42.3210, 37.0504



36.9341, 42.3210, 45.6142



40.0617, 42.3210, 56.4699



43.7055, 42.3210, 46.5497

Rectangle

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



40.3884, 42.3210, 37.0504



37.7879, 42.3210, 39.8000



40.0617, 42.3210, 56.4699



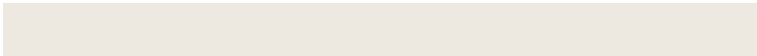
42.7644, 42.3210, 52.9889

Sweetspot

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



40.3895, 42.3229, 37.0513



77.7211, 81.7133, 83.1195



38.0661, 36.2368, 40.7133



17.0807, 17.9555, 18.0878



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



40.3895, 42.3229, 37.0513



70.8624, 74.1412, 61.8878



41.5024, 45.8494, 37.6733



9.4732, 9.9493, 9.5280



18.1822, 16.1408, 2.1572



0.6971, 0.6814, 0.0948

Inverse Universe

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



35.5198, 37.2969, 50.1270



60.6484, 63.6003, 89.3153



34.5144, 34.2059, 49.5833



8.7765, 9.2302, 11.3985



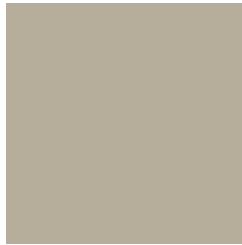
7.3543, 5.1683, 31.8630



0.3189, 0.3015, 1.1431

Previews

White Background



This preview shows how the XYZ color 40.3884, 42.3210, 37.0504 looks on a white background.

Color Contrast Check

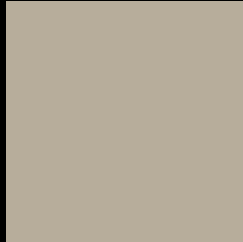
Large Text (above 18pt) WCAG AA × Fail

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 40.3884, 42.3210, 37.0504 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

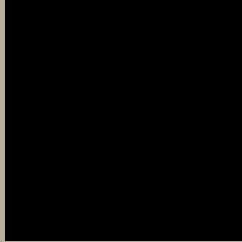
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

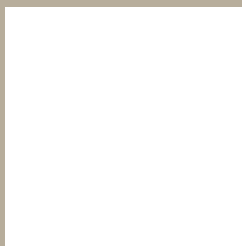
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.3884, 42.3210, 37.0504

Background



This preview shows how black text looks on a background with the XYZ color 40.3884, 42.3210, 37.0504.



This preview shows how white text looks on a background with the XYZ color 40.3884, 42.3210,

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

40.3884, 42.3210, 37.0504

Protanopia

40.1514, 42.1988, 37.0393

Deuteranopia

43.0293, 42.2759, 37.3447



Tritanopia

43.1250, 42.3181, 50.1513

Trichromacy



Original Color

40.3884, 42.3210, 37.0504

Protanomaly

40.1514, 42.1988, 37.0393

Deuteranomaly

42.1137, 42.3562, 37.4084

Tritanomaly

42.0708, 42.1671, 44.9514

Monochromacy



Original Color

40.3884, 42.3210, 37.0504

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.2426, 42.4092, 42.6240

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.3884, 42.3210, 37.0504 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(183, 173, 155)` looks like.

```
.text, #text, p{  
    color:rgb(183, 173, 155)  
}
```

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(183, 173, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 173, 155) }
```

Border

The CSS property to change the border of an element to XYZ 40.3884, 42.3210, 37.0504 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(183, 173, 155) }
```


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

```
.border{ border-color:rgb(183, 173, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 173, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 173, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 173, 155);  
box-shadow:4px 4px 4px 4px rgb(183, 173,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 40.3884, 42.3210, 37.0504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 173, 155) }
```

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

```
.background{ background-color: rgb(183,  
173, 155) }
```

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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