

Converting Colors

XYZ(36.7823, 37.7639, 24.1557)

Have a look what the booklet for
XYZ(36.7823, 37.7639, 24.1557)
contains.

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Color

**XYZ(36.7452, 37.7098,
24.0809)**

Conversions

Conversions Part 1

Format	Color
Hex	BAA27B
RGB	186, 162, 123
RGB Percent	73%, 64%, 48%
CMY	0.2706, 0.3647, 0.5176
CMYK	0.00, 0.13, 0.34, 0.27
HSL	37°, 31%, 61%
HSV	37°, 34%, 73%
XYZ	36.7452, 37.7098, 24.0809
YIQ	164.7300, 26.8230, -7.0410

Conversions

Conversions Part 2

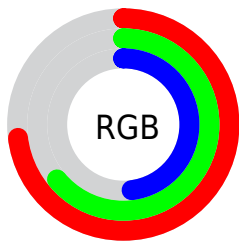
Format	Color
RYB	162, 186, 123
Decimal	12231291
CIELab	67.81, 3.01, 23.54
CIElCh	68, 23.736, 82.717
Yxy	37.7098, 0.3729, 0.3827
Android (android.graphics.Color)	4290421371 (0xFFBAA27B)
YUV	164.7300, -20.5729, 18.6538
Hunter-Lab	61.4083, -0.6546, 19.7356

Details

The XYZ color **36.7452, 37.7098, 24.0809** is a light color, and the websafe version is hex **999966**. A complement of this color would be **27.4648, 28.6228, 50.5317**, and the grayscale version is **35.7220, 37.5823, 40.9272**.

A 20% lighter version of the original color is **69.6115, 71.8150, 51.2671**, and **16.4362, 16.7688, 8.8490** is the 20% darker color. If you saturate the color by 10%, you get **34.4770, 34.8629, 18.1159**, and if you desaturate by 10%, it is **39.3069, 40.7893, 31.2360**.

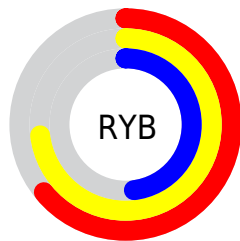
Distribution



Red (73%)

Green (64%)

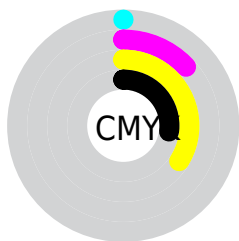
Blue (48%)



Red (64%)

Yellow (73%)

Blue (48%)

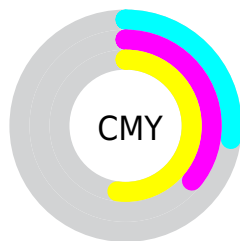


Cyan (0%)

Magenta (13%)

Yellow (34%)

Black (27%)



Cyan (27%)


Magenta (36%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.7452, 37.7098, 24.0809 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 36.7452, 37.7098, 24.0809 by changing the saturation by 10% instead.


 36.7452, 37.7098,
24.0809

 36.7452, 37.7098,
24.0809


323.5808,
336.3734, 286.5289


 25.1830, 25.7575,
15.1809


 69.4971, 71.6631,
51.1077

 16.3429, 16.6423,
8.7984


 91.4176, 94.4330,
70.0715

 9.8595, 9.9798,
4.5149


 117.5215,
121.5775, 93.2270

 5.3675, 5.3856,
1.9119

148.1743,
153.4810, 120.9928

 2.5014, 2.4752,
0.5003

183.7412,
190.5280, 153.7873

 0.8960, 0.8642,
0.0000

224.5877,

 0.0000, 0.0000,

233.1028, 192.0292

0.0000

271.0791,
281.5898, 236.1369

■ 36.7452, 37.7098,
24.0809

■ 36.7452, 37.7098,
24.0809

■ 34.4770, 34.8629,
18.1159

■ 39.3069, 40.7893,
31.2360

■ 32.4856, 32.2361,
13.2722

■ 42.1720, 44.1031,
39.6402

■ 30.7571, 29.8232,
9.4773

■ 45.3532, 47.6594,
49.3515

■ 29.2748, 27.6157,
6.6492

■ 48.8617, 51.4644,
60.4232

■ 28.0196, 25.6038,
4.6936

■ 52.7081, 55.5240,
72.9060

■ 26.9687, 23.7766,
3.4969

■ 56.9024, 59.8438,
86.8477

■ 26.3982, 22.7359,
2.9971

■ 61.4543, 64.4294,
102.2941

■ 63.5482, 68.1560,
104.4138

■ 65.4325, 71.9245,
105.0419

Harmonies

Analogous

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



40.2946, 37.7098, 26.9723



36.7452, 37.7098, 24.0809



33.1822, 37.7098, 25.0799

Triad

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



36.7452, 37.7098, 24.0809



29.7118, 37.7098, 49.3801



41.7627, 37.7098, 54.5770

Complementary

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



36.7452, 37.7098, 24.0809



27.4648, 28.6228, 50.5317

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.



38.6404, 37.7098, 62.6959



36.7452, 37.7098, 24.0809



31.7302, 37.7098, 59.3555

Square

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



36.7452, 37.7098, 24.0809



29.2805, 37.7098, 38.5474



34.9538, 37.7098, 64.5795



43.3172, 37.7098, 43.6785

Rectangle

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



36.7452, 37.7098, 24.0809



31.2595, 37.7098, 27.9149



34.9538, 37.7098, 64.5795



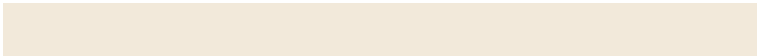
40.8519, 37.7098, 57.7929

Sweetspot

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



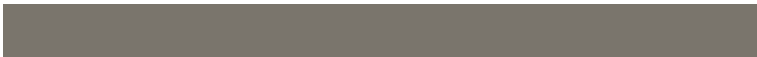
36.7462, 37.7115, 24.0817



78.5074, 82.2756, 78.0898



32.6112, 26.7167, 31.1040



17.1129, 17.9207, 16.6642



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.



36.7462, 37.7115, 24.0817



63.3489, 64.2877, 35.0277



39.6439, 46.0901, 25.5462



9.4551, 9.9131, 9.5220



17.8339, 15.4442, 2.0411



0.6864, 0.6599, 0.0912

Inverse Universe

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



27.4648, 28.6228, 50.5317



43.8545, 45.2086, 90.6162



25.2060, 22.4851, 49.4661



8.7940, 9.2652, 11.4043



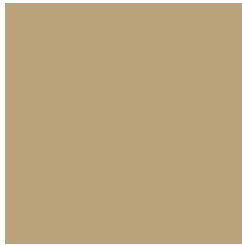
7.5394, 5.5385, 31.9247



0.3263, 0.3162, 1.1456

Previews

White Background



This preview shows how the XYZ color 36.7452, 37.7098, 24.0809 looks on a white background.

Color Contrast Check

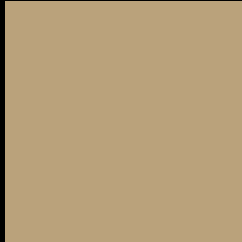
Large Text (above 18pt) WCAG AA × Fail

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 36.7452, 37.7098, 24.0809 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 36.7452, 37.7098, 24.0809

Background



This preview shows how black text looks on a background with the XYZ color 36.7452, 37.7098, 24.0809.



This preview shows how white text looks on a background with the XYZ color 36.7452, 37.7098,

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

36.7452, 37.7098, 24.0809

Protanopia

35.2247, 37.7126, 24.4915

Deuteranopia

38.3706, 37.5111, 24.2868



Tritanopia

40.4422, 37.6805, 42.1873

Trichromacy



Original Color

36.7452, 37.7098, 24.0809

Protanomaly

35.7359, 37.7095, 24.4639

Deuteranomaly

37.7745, 37.4580, 24.3080

Tritanomaly

38.8806, 37.5395, 34.9024

Monochromacy



Original Color

36.7452, 37.7098, 24.0809

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

36.0141, 37.6372, 34.2207

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.7452, 37.7098, 24.0809 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, 162, 123)` looks like.

```
.text, #text, p{  
    color:rgb(186, 162, 123)  
}
```

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, 162, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 162, 123) }
```

Border

The CSS property to change the border of an element to XYZ 36.7452, 37.7098, 24.0809 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, 162, 123) }
```


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

```
.border{ border-color:rgb(186, 162, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 162, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 162, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 162, 123);  
box-shadow:4px 4px 4px 4px rgb(186, 162,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 36.7452, 37.7098, 24.0809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 162, 123) }
```

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

```
.background{ background-color: rgb(186,  
162, 123) }
```

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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