

Converting Colors

XYZ(38.4001, 40.4000, 26.5430)

Have a look what the booklet for
XYZ(38.4001, 40.4000, 26.5430)
contains.

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Color

**XYZ(38.4001, 40.4000,
26.5430)**

Conversions

Conversions Part 1

Format	Color
Hex	BAA981
RGB	186, 169, 129
RGB Percent	73%, 66%, 51%
CMY	0.2706, 0.3372, 0.4941
CMYK	0.00, 0.09, 0.31, 0.27
HSL	42°, 29%, 62%
HSV	42°, 31%, 73%
XYZ	38.4001, 40.4000, 26.5430
YIQ	169.5230, 22.9720, -8.8360

Conversions

Conversions Part 2

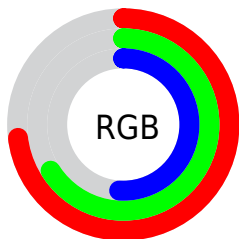
Format	Color
RYB	153, 186, 129
Decimal	12233089
CIELab	69.75, 0.00, 22.91
CIElCh	70, 22.913, 89.991
Yxy	40.4000, 0.3645, 0.3835
Android (android.graphics.Color)	4290423169 (0xFFBAA981)
YUV	169.5230, -19.9778, 14.4503
Hunter-Lab	63.5610, -3.3917, 19.7333

Details

The XYZ color **38.4001, 40.4000, 26.5430** is a light color, and the websafe version is hex **999966**. A complement of this color would be **28.1949, 28.7693, 50.5214**, and the grayscale version is **38.0602, 40.0423, 43.6060**.

A 20% lighter version of the original color is **72.0613, 75.7434, 55.0779**, and **17.2883, 18.1926, 9.9975** is the 20% darker color. If you saturate the color by 10%, you get **36.2649, 37.9313, 20.2769**, and if you desaturate by 10%, it is **40.8062, 43.0500, 34.0107**.

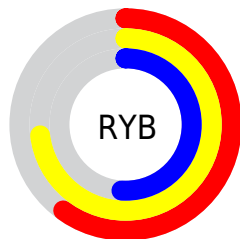
Distribution



Red (73%)

Green (66%)

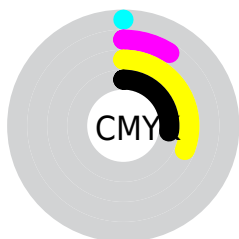
Blue (51%)



Red (60%)

Yellow (73%)

Blue (51%)

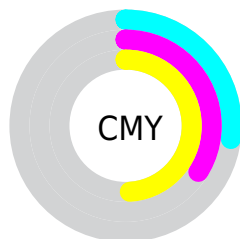


Cyan (0%)

Magenta (9%)

Yellow (31%)

Black (27%)



Cyan (27%)

Magenta (34%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.4001, 40.4000, 26.5430 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 38.4001, 40.4000, 26.5430 by changing the saturation by 10% instead.

■ 38.4001, 40.4000,
26.5430

■ 38.4001, 40.4000,
26.5430

330.5844,
347.8066, 299.1274

■ 26.4720, 27.8506,
17.0009

■ 72.0209, 75.7722,
55.1444

■ 17.3116, 18.2130,
10.0732

■ 94.4444, 99.3638,
75.0409

■ 10.5536, 11.1030,
5.3413

■ 121.0969,
127.4049, 99.2258

■ 5.8326, 6.1362,
2.3866

152.3440,
160.2799, 128.1179

■ 2.7832, 2.9281,
0.7792

188.5509,
198.3731, 162.1355

■ 1.0402, 1.0943,
0.0000

230.0831,

■ 0.0000, 0.0000,

242.0691, 201.6973

0.0000

277.3058,
291.7521, 247.2217

■ 38.4001, 40.4000,
26.5430

■ 38.4001, 40.4000,
26.5430

■ 36.2649, 37.9313,
20.2769

■ 40.8062, 43.0500,
34.0107

■ 34.3848, 35.6323,
15.1453

■ 43.4920, 45.8813,
42.7372

■ 32.7469, 33.4985,
11.0784

■ 46.4695, 48.9010,
52.7789

■ 31.3357, 31.5229,
7.9975

■ 49.7492, 52.1141,
64.1882

■ 30.1336, 29.6974,
5.8131

■ 53.3409, 55.5253,
77.0145

■ 29.1201, 28.0129,
4.4192

■ 57.2539, 59.1392,
91.3049

■ 28.3044, 26.5484,
3.6326

■ 60.8134, 62.6864,
103.5022

■ 62.1879, 65.4354,
103.9604

■ 63.6101, 68.2798,
104.4345

Harmonies

Analogous

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



42.0824, 40.4000, 28.5492



38.4001, 40.4000, 26.5430



34.9389, 40.4000, 28.5468

Triad

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



38.4001, 40.4000, 26.5430



32.5402, 40.4000, 55.0241



44.9207, 40.4000, 55.0305

Complementary

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



38.4001, 40.4000, 26.5430



28.1949, 28.7693, 50.5214

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.



42.0803, 40.4000, 64.1857



38.4001, 40.4000, 26.5430



34.9371, 40.4000, 64.1816

Square

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



38.4001, 40.4000, 26.5430



31.6915, 40.4000, 43.9855



38.3979, 40.4000, 67.7734



45.9919, 40.4000, 43.9919

Rectangle

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



38.4001, 40.4000, 26.5430



33.1849, 40.4000, 32.1069



38.3979, 40.4000, 67.7734



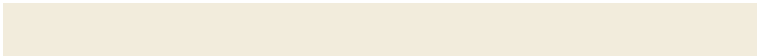
44.1325, 40.4000, 58.4907

Sweetspot

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



38.4011, 40.4018, 26.5438



79.6047, 83.9591, 80.0314



33.2964, 28.2185, 30.9272



17.3636, 18.3174, 17.0704



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.



38.4011, 40.4018, 26.5438



66.8562, 70.0770, 39.9741



39.1111, 45.7707, 27.5427



9.5180, 10.0389, 9.5430



19.1101, 17.9965, 2.4665



0.7249, 0.7369, 0.1040

Inverse Universe

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



28.1949, 28.7693, 50.5214



45.3184, 45.5390, 90.6028



27.5964, 24.8565, 49.7977



8.7336, 9.1444, 11.3842



6.9546, 4.3689, 31.7298



0.3010, 0.2656, 1.1372

Previews

White Background



This preview shows how the XYZ color 38.4001, 40.4000, 26.5430 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 38.4001, 40.4000, 26.5430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

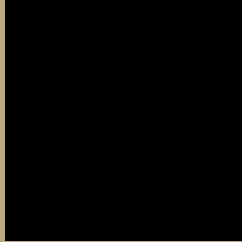
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.4001, 40.4000, 26.5430

Background



This preview shows how black text looks on a background with the XYZ color 38.4001, 40.4000, 26.5430.



This preview shows how white text looks on a background with the XYZ color 38.4001, 40.4000, 26.5430.

26.5430.

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

38.4001, 40.4000, 26.5430

Protanopia

37.6954, 40.3062, 26.9122

Deuteranopia

41.1241, 40.4420, 26.7577



Tritanopia

42.3209, 40.3659, 46.1183

Trichromacy



Original Color

38.4001, 40.4000, 26.5430

Protanomaly

37.9324, 40.4284, 26.9233

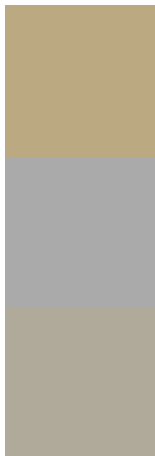
Deuteranomaly

40.1712, 40.4862, 26.8165

Tritanomaly

40.6130, 40.1977, 37.9662

Monochromacy



Original Color

38.4001, 40.4000, 26.5430

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.1956, 40.3461, 36.7848

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.4001, 40.4000, 26.5430 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, 169, 129)` looks like.

```
.text, #text, p{  
    color:rgb(186, 169, 129)  
}
```

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, 169, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 169, 129) }
```

Border

The CSS property to change the border of an element to XYZ 38.4001, 40.4000, 26.5430 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, 169, 129) }
```


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

```
.border{ border-color:rgb(186, 169, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 169, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 169, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 169, 129);  
box-shadow:4px 4px 4px 4px rgb(186, 169,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 38.4001, 40.4000, 26.5430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 169, 129) }
```

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

```
.background{ background-color: rgb(186,  
169, 129) }
```

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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