

Converting Colors

XYZ(38.6403, 41.3994, 25.0231)

Have a look what the booklet for
XYZ(38.6403, 41.3994, 25.0231)
contains.

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Color

**XYZ(38.6403, 41.3994,
25.0231)**

Conversions

Conversions Part 1

Format	Color
Hex	BAAC7C
RGB	186, 172, 124
RGB Percent	73%, 67%, 49%
CMY	0.2706, 0.3255, 0.5137
CMYK	0.00, 0.08, 0.33, 0.27
HSL	46°, 31%, 61%
HSV	46°, 33%, 73%
XYZ	38.6403, 41.3994, 25.0231
YIQ	170.7140, 23.7520, -11.9600

Conversions

Conversions Part 2

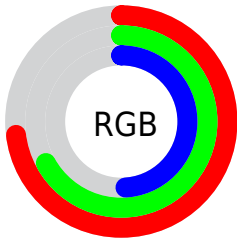
Format	Color
RYB	142, 186, 124
Decimal	12233852
CIELab	70.45, -2.25, 26.55
CIELCh	70, 26.649, 94.844
Yxy	41.3994, 0.3678, 0.3940
Android (android.graphics.Color)	4290423932 (0xFFBAAC7C)
YUV	170.7140, -23.0300, 13.4058
Hunter-Lab	64.3424, -5.4024, 21.9814

Details

The XYZ color **38.6403, 41.3994, 25.0231** is a light color, and the websafe version is hex **999966**. A complement of this color would be **26.2634, 26.0064, 50.0899**, and the grayscale version is **38.6696, 40.6834, 44.3042**.

A 20% lighter version of the original color is **72.3670, 77.1672, 52.6756**, and **17.5022, 18.8465, 9.3719** is the 20% darker color. If you saturate the color by 10%, you get **36.7871, 39.4011, 19.1394**, and if you desaturate by 10%, it is **40.7428, 43.5408, 32.0855**.

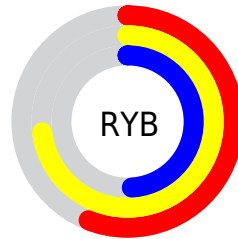
Distribution



Red (73%)

Green (67%)

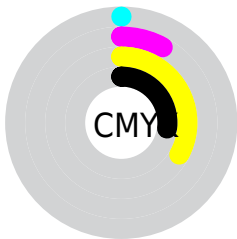
Blue (49%)



Red (56%)

Yellow (73%)

Blue (49%)

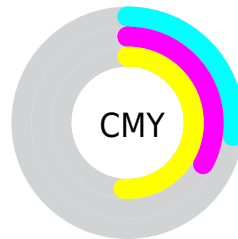


Cyan (0%)

Magenta (8%)

Yellow (33%)

Black (27%)



Cyan (27%)

Magenta (33%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.6403, 41.3994, 25.0231 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 38.6403, 41.3994, 25.0231 by changing the saturation by 10% instead.

■ 38.6403, 41.3994,
25.0231

■ 38.6403, 41.3994,
25.0231

331.5923,
351.9871, 291.4043

■ 26.6595, 28.6313,
15.8751

■ 72.3861, 77.2898,
52.6593

■ 17.4529, 18.8021,
9.2824

■ 94.8818, 101.1809,
71.9845

■ 10.6552, 11.5274,
4.8265

■ 121.6131,
129.5485, 95.5393

■ 5.9011, 6.4227,
2.0889

152.9455,
162.7770, 123.7421

■ 2.8251, 3.1038,
0.6091

189.2443,
201.2506, 157.0114

■ 1.0620, 1.1862,
0.0000

230.8747,

■ 0.0000, 0.0504,

245.3540, 195.7659

0.0000

278.2023,
295.4713, 240.4240

0.0000, 0.0000,
0.0000

38.6403, 41.3994,
25.0231

38.6403, 41.3994,
25.0231

36.7871, 39.4011,
19.1394

40.7428, 43.5408,
32.0855

35.1672, 37.5347,
14.3658

43.1031, 45.8246,
40.3848

33.7678, 35.7961,
10.6307

45.7333, 48.2574,
49.9784

32.5732, 34.1787,
7.8531

48.6436, 50.8439,
60.9194

31.5655, 32.6750,
5.9397

51.8438, 53.5880,
73.2578

■ 30.7232, 31.2760,
4.7784

■ 55.3431, 56.4940,
87.0413

■ 30.2250, 30.3897,
4.2728

■ 59.1503, 59.5657,
102.3151

■ 60.2734, 61.6065,
103.3222

■ 61.2951, 63.6500,
103.6628

Harmonies

Analogous

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



43.0476, 41.3994, 26.5434



38.6403, 41.3994, 25.0231



34.7200, 41.3994, 28.0037

Triad

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



38.6403, 41.3994, 25.0231



32.8192, 41.3994, 60.3493



47.4954, 41.3994, 56.1549

Complementary

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



38.6403, 41.3994, 25.0231



26.2634, 26.0064, 50.0899

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.



44.3719, 41.3994, 67.9729



38.6403, 41.3994, 25.0231



35.8684, 41.3994, 70.6932

Square

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



38.6403, 41.3994, 25.0231



31.5223, 41.3994, 47.1495



40.0661, 41.3994, 73.7139



48.3743, 41.3994, 43.0659

Rectangle

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



38.6403, 41.3994, 25.0231



32.8426, 41.3994, 32.5397



40.0661, 41.3994, 73.7139



46.6623, 41.3994, 60.4803

Sweetspot

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



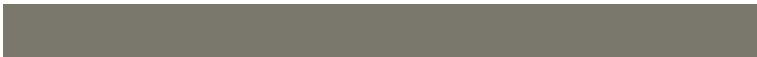
38.6413, 41.4013, 25.0240



79.5830, 84.4268, 78.4483



32.0790, 26.7034, 27.6863



17.3811, 18.4572, 16.7536



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.



38.6413, 41.4013, 25.0240



67.5338, 72.3609, 37.3374



37.6597, 45.0599, 25.7819



9.5736, 10.1502, 9.5615



20.3925, 20.5614, 2.8940



0.7618, 0.8107, 0.1163

Inverse Universe

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



26.2634, 26.0064, 50.0899



41.6631, 40.1969, 89.7643



26.9763, 23.5829, 49.5845



8.6812, 9.0396, 11.3667



6.5671, 3.5938, 31.6006



0.2789, 0.2215, 1.1298

Previews

White Background



This preview shows how the XYZ color 38.6403, 41.3994, 25.0231 looks on a white background.

Color Contrast Check

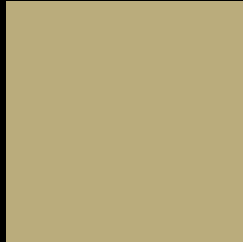
Large Text (above 18pt) WCAG AA × Fail

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 38.6403, 41.3994, 25.0231 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

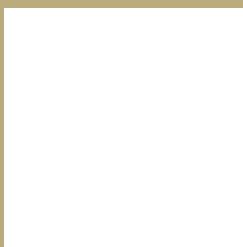
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.6403, 41.3994, 25.0231

Background



This preview shows how black text looks on a background with the XYZ color 38.6403, 41.3994, 25.0231.



This preview shows how white text looks on a background with the XYZ color 38.6403, 41.3994,

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

38.6403, 41.3994, 25.0231

Protanopia

38.3982, 41.2746, 25.0118

Deuteranopia

42.0586, 41.2283, 25.1432



Tritanopia

43.2292, 41.3311, 47.8188

Trichromacy



Original Color

38.6403, 41.3994, 25.0231

Protanomaly

38.3982, 41.2746, 25.0118

Deuteranomaly

40.7303, 41.3562, 25.2379

Tritanomaly

41.4094, 41.4210, 38.1603

Monochromacy



Original Color

38.6403, 41.3994, 25.0231

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

38.3001, 40.6890, 36.4070

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.6403, 41.3994, 25.0231 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, 172, 124)` looks like.

```
.text, #text, p{  
    color:rgb(186, 172, 124)  
}
```

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, 172, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 172, 124) }
```

Border

The CSS property to change the border of an element to XYZ 38.6403, 41.3994, 25.0231 is called "border". The border property can be set on classes, ids or directly on the HTML element.

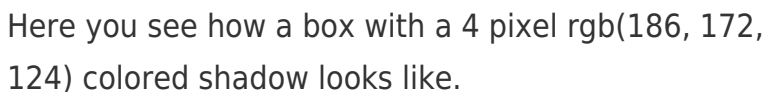
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(186, 172, 124) }
```


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

```
.border{ border-color:rgb(186, 172, 124) }
```

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



Here you see how a box with a 4 pixel `rgb(186, 172, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 172, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 172, 124);  
box-shadow:4px 4px 4px 4px rgb(186, 172,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 38.6403, 41.3994, 25.0231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 172, 124) }
```

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

```
.background{ background-color: rgb(186,  
172, 124) }
```

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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