

Converting Colors

XYZ(37.4235, 40.6195, 25.2475)

Have a look what the booklet for
XYZ(37.4235, 40.6195, 25.2475)
contains.

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Color

**XYZ(37.3206, 40.4302,
25.2388)**

Conversions

Conversions Part 1

Format	Color
Hex	B5AB7D
RGB	181, 171, 125
RGB Percent	71%, 67%, 49%
CMY	0.2902, 0.3294, 0.5098
CMYK	0.00, 0.06, 0.31, 0.29
HSL	49°, 27%, 60%
HSV	49°, 31%, 71%
XYZ	37.3206, 40.4302, 25.2388
YIQ	168.7460, 20.7260, -12.1860

Conversions

Conversions Part 2

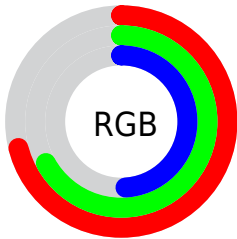
Format	Color
RYB	137, 181, 125
Decimal	11905917
CIELab	69.77, -3.59, 25.03
CIElCh	70, 25.286, 98.151
Yxy	40.4302, 0.3624, 0.3926
Android (android.graphics.Color)	4290095997 (0xFFB5AB7D)
YUV	168.7460, -21.5668, 10.7468
Hunter-Lab	63.5847, -6.5040, 20.9752

Details

The XYZ color **37.3206, 40.4302, 25.2388** is a light color, and the websafe version is hex **999966**. A complement of this color would be **25.4617, 25.0234, 47.2041**, and the grayscale version is **37.6834, 39.6458, 43.1743**.

A 20% lighter version of the original color is **70.1573, 75.6116, 53.0163**, and **16.6537, 18.2275, 9.4780** is the 20% darker color. If you saturate the color by 10%, you get **35.6657, 38.8051, 19.4931**, and if you desaturate by 10%, it is **39.2033, 42.1732, 32.1009**.

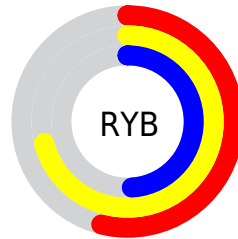
Distribution



Red (71%)

Green (67%)

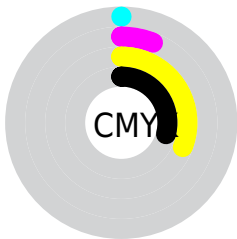
Blue (49%)



Red (54%)

Yellow (71%)

Blue (49%)

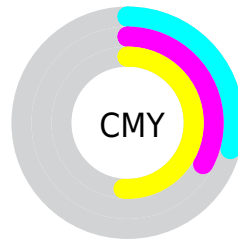


Cyan (0%)

Magenta (6%)

Yellow (31%)

Black (29%)



Cyan (29%)

Magenta (33%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.3206, 40.4302, 25.2388 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 37.3206, 40.4302, 25.2388 by changing the saturation by 10% instead.

■ 37.3206, 40.4302,
25.2388

■ 37.3206, 40.4302,
25.2388

326.0279,
347.9335, 292.5108

■ 25.6306, 27.8741,
16.0344

■ 70.3762, 75.8182,
53.0133

■ 16.6787, 18.2308,
9.3939

■ 92.4726, 99.4188,
72.4205

■ 10.0996, 11.1158,
4.8987

■ 118.7685,
127.4698, 96.0657

■ 5.5278, 6.1448,
2.1302

149.6292,
160.3556, 124.3674

■ 2.5981, 2.9333,
0.6337

185.4202,
198.4604, 157.7442

■ 0.9450, 1.0970,
0.0000

226.5067,

■ 0.0000, 0.0000,

242.1687, 196.6147

0.0000

273.2542,
291.8649, 241.3974

■ 37.3206, 40.4302,
25.2388

■ 37.3206, 40.4302,
25.2388

■ 35.6657, 38.8051,
19.4931

■ 39.2033, 42.1732,
32.1009

■ 34.2238, 37.2874,
14.8010

■ 41.3213, 44.0329,
40.1328

■ 32.9834, 35.8739,
11.0971

■ 43.6856, 46.0153,
49.3873

■ 31.9303, 34.5587,
8.3079

■ 46.3057, 48.1244,
59.9132

■ 31.0486, 33.3352,
6.3495

■ 49.1904, 50.3638,
71.7570

■ 30.3193, 32.1957,
5.1225

■ 52.3481, 52.7372,
84.9624

■ 29.7549, 31.2214,
4.4581

■ 55.7868, 55.2478,
99.5713

■ 57.0385, 56.9086,
102.5859

■ 57.7793, 58.3901,
102.8329

Harmonies

Analogous

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



41.4373, 40.4302, 26.2131



37.3206, 40.4302, 25.2388



33.7600, 40.4302, 28.5450

Triad

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



37.3206, 40.4302, 25.2388



32.5549, 40.4302, 59.4958



46.2203, 40.4302, 52.9714

Complementary

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



37.3206, 40.4302, 25.2388



25.4617, 25.0234, 47.2041

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.



43.5069, 40.4302, 64.2734



37.3206, 40.4302, 25.2388



35.5674, 40.4302, 68.4825

Square

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



37.3206, 40.4302, 25.2388



31.1393, 40.4302, 47.3014



39.5565, 40.4302, 70.3710



46.7729, 40.4302, 40.8970

Rectangle

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



37.3206, 40.4302, 25.2388



32.1118, 40.4302, 33.1489



39.5565, 40.4302, 70.3710



45.5218, 40.4302, 57.0445

Sweetspot

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



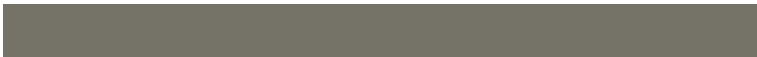
37.3216, 40.4320, 25.2396



74.7298, 79.4804, 74.6773



30.7820, 26.2482, 26.4647



16.0258, 17.0710, 15.6531



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.



37.3216, 40.4320, 25.2396



64.8176, 70.4444, 38.1141



35.3847, 42.3433, 25.7106



9.0655, 9.6435, 9.0361



20.5582, 21.6149, 3.0886



0.6806, 0.7475, 0.1084

Inverse Universe

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



25.4617, 25.0234, 47.2041



40.2630, 38.5503, 83.6135



26.9561, 23.8198, 46.8931



8.1606, 8.4674, 10.7106



6.1488, 3.0981, 30.4109



0.2303, 0.1712, 0.9691

Previews

White Background



This preview shows how the XYZ color 37.3206, 40.4302, 25.2388 looks on a white background.

Color Contrast Check

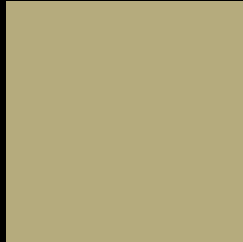
Large Text (above 18pt) WCAG AA × Fail

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 37.3206, 40.4302, 25.2388 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

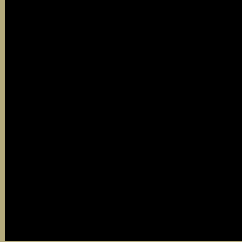
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.3206, 40.4302, 25.2388

Background



This preview shows how black text looks on a background with the XYZ color 37.3206, 40.4302, 25.2388.



This preview shows how white text looks on a background with the XYZ color 37.3206, 40.4302,

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

37.3206, 40.4302, 25.2388

Protanopia

37.6048, 40.2974, 25.1982

Deuteranopia

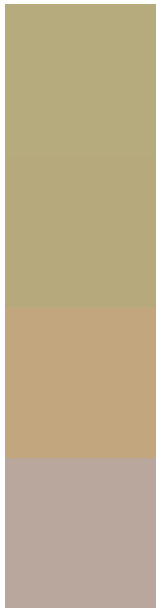
41.0154, 40.1442, 25.6655



Tritanopia

41.7048, 40.2900, 47.1736

Trichromacy



Original Color

37.3206, 40.4302, 25.2388

Protanomaly

37.3678, 40.1752, 25.1871

Deuteranomaly

39.6502, 40.2481, 25.4175

Tritanomaly

39.9979, 40.4203, 38.0415

Monochromacy



Original Color

37.3206, 40.4302, 25.2388

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

37.3581, 39.9336, 35.8760

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.3206, 40.4302, 25.2388 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, 171, 125)` looks like.

```
.text, #text, p{  
    color:rgb(181, 171, 125)  
}
```

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, 171, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 171, 125) }
```

Border

The CSS property to change the border of an element to XYZ 37.3206, 40.4302, 25.2388 is called "border". The border property can be set on classes, ids or directly on the HTML element.

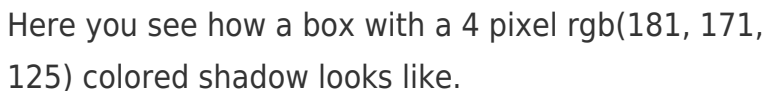
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(181, 171, 125) }
```


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

```
.border{ border-color:rgb(181, 171, 125) }
```

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



Here you see how a box with a 4 pixel `rgb(181, 171, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 171, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 171, 125); box-shadow:4px 4px 4px 4px rgb(181, 171, 125) }
```

Background

The CSS property to change the background color of an element to XYZ 37.3206, 40.4302, 25.2388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 171, 125) }
```

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

```
.background{ background-color: rgb(181,  
171, 125) }
```

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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