

Converting Colors

XYZ(37.5406, 40.1473, 26.0209)

Have a look what the booklet for
XYZ(37.5406, 40.1473, 26.0209)
contains.

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Color

**XYZ(37.5624, 40.2530,
26.2119)**

Conversions

Conversions Part 1

Format	Color
Hex	B6AA80
RGB	182, 170, 128
RGB Percent	71%, 67%, 50%
CMY	0.2863, 0.3333, 0.4980
CMYK	0.00, 0.07, 0.30, 0.29
HSL	47°, 27%, 61%
HSV	47°, 30%, 71%
XYZ	37.5624, 40.2530, 26.2119
YIQ	168.8000, 20.6340, -10.5180

Conversions

Conversions Part 2

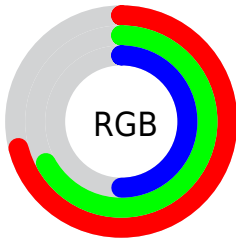
Format	Color
R_{YB}	143, 182, 128
Decimal	11971200
CIE _{Lab}	69.65, -2.26, 23.26
CIE _{LCh}	70, 23.364, 95.539
Yxy	40.2530, 0.3611, 0.3869
Android (android.graphics.Color)	4290161280 (0xFFB6AA80)
YUV	168.8000, -20.1144, 11.5764
Hunter-Lab	63.4453, -5.3493, 19.9165

Details

The XYZ color **37.5624, 40.2530, 26.2119** is a light color, and the websafe version is hex **999966**. A complement of this color would be **26.7235, 26.7221, 48.0055**, and the grayscale version is **37.7031, 39.6666, 43.1970**.

A 20% lighter version of the original color is **70.5256, 75.3638, 54.5456**, and **16.7557, 18.0961, 9.8175** is the 20% darker color. If you saturate the color by 10%, you get **35.7244, 38.3250, 20.2098**, and if you desaturate by 10%, it is **39.6407, 42.3172, 33.3551**.

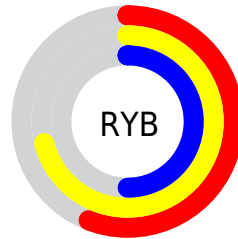
Distribution



Red (71%)

Green (67%)

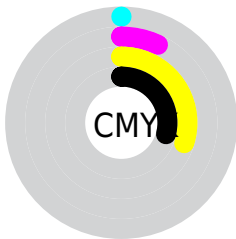
Blue (50%)



Red (56%)

Yellow (71%)

Blue (50%)

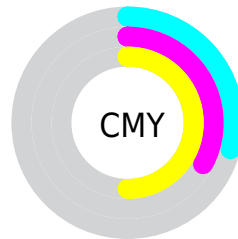


Cyan (0%)

Magenta (7%)

Yellow (30%)

Black (29%)



Cyan (29%)

Magenta (33%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.5624, 40.2530, 26.2119 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 37.5624, 40.2530, 26.2119 by changing the saturation by 10% instead.

■ 37.5624, 40.2530,
26.2119

■ 37.5624, 40.2530,
26.2119

327.0524,
347.1888, 297.4592

■ 25.8189, 27.7359,
16.7550

■ 70.7451, 75.5486,
54.6049

■ 16.8202, 18.1266,
9.8999

■ 92.9151, 99.0959,
74.3781

■ 10.2009, 11.0409,
5.2279

■ 119.2913,
127.0887, 98.4271

■ 5.5956, 6.0944,
2.3205

150.2390,
159.9113, 127.1706

■ 2.6391, 2.9026,
0.7427

186.1236,
197.9483, 161.0270

■ 0.9659, 1.0811,
0.0000

227.3105,

■ 0.0000, 0.0000,

241.5839, 200.4149

0.0000

274.1650,
291.2026, 245.7528

■ 37.5624, 40.2530,
26.2119

■ 37.5624, 40.2530,
26.2119

■ 35.7244, 38.3250,
20.2098

■ 39.6407, 42.3172,
33.3551

■ 34.1118, 36.5228,
15.2858

■ 41.9671, 44.5169,
41.6931

■ 32.7130, 34.8427,
11.3745

■ 44.5527, 46.8582,
51.2790

■ 31.5138, 33.2787,
8.4023

■ 47.4070, 49.3453,
62.1620

■ 30.4981, 31.8241,
6.2856

■ 50.5390, 51.9820,
74.3888

■ 29.6471, 30.4710,
4.9262

■ 53.9574, 54.7722,
88.0036

■ 28.9236, 29.2041,
4.1298

■ 57.6056, 57.6935,
102.7075

■ 28.9005, 29.1632,
4.1058

■ 58.5441, 59.5703,
103.0204

■ 59.5074, 61.4970,
103.3415

Harmonies

Analogous

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



41.3466, 40.2530, 27.4886



37.5624, 40.2530, 26.2119



34.1904, 40.2530, 28.9863

Triad

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



37.5624, 40.2530, 26.2119



32.6476, 40.2530, 57.0671



45.2595, 40.2530, 53.0196

Complementary

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



37.5624, 40.2530, 26.2119



26.7235, 26.7221, 48.0055

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.



42.6388, 40.2530, 63.0300



37.5624, 40.2530, 26.2119



35.3296, 40.2530, 65.6231

Square

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



37.5624, 40.2530, 26.2119



31.4750, 40.2530, 45.8675



38.9647, 40.2530, 67.9672



45.9544, 40.2530, 41.8512

Rectangle

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



37.5624, 40.2530, 26.2119



32.5771, 40.2530, 33.0795



38.9647, 40.2530, 67.9672



44.5665, 40.2530, 56.6856

Sweetspot

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



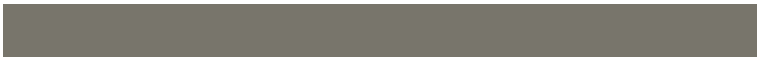
37.5634, 40.2548, 26.2127



76.3166, 80.9217, 76.4318



31.7889, 27.2951, 28.6370



16.7134, 17.7411, 16.3616



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.



37.5634, 40.2548, 26.2127



65.7435, 70.5285, 39.7580



36.6879, 43.2956, 26.8458



9.5764, 10.1557, 9.5624



20.4601, 20.6966, 2.9165



0.7637, 0.8145, 0.1170

Inverse Universe

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



26.7235, 26.7221, 48.0055



42.7292, 41.8053, 86.0529



27.3872, 24.6025, 47.5614



8.6786, 9.0345, 11.3658



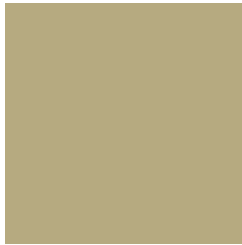
6.5507, 3.5611, 31.5952



0.2778, 0.2193, 1.1294

Previews

White Background



This preview shows how the XYZ color 37.5624, 40.2530, 26.2119 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 37.5624, 40.2530, 26.2119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

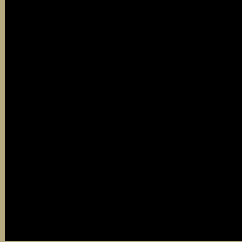
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.5624, 40.2530, 26.2119

Background



This preview shows how black text looks on a background with the XYZ color 37.5624, 40.2530, 26.2119.



This preview shows how white text looks on a background with the XYZ color 37.5624, 40.2530,

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

37.5624, 40.2530, 26.2119

Protanopia

37.5624, 40.2530, 26.2119

Deuteranopia

40.8791, 40.0587, 26.3464



Tritanopia

41.8510, 40.3769, 46.6620

Trichromacy



Original Color

37.5624, 40.2530, 26.2119

Protanomaly

37.5624, 40.2530, 26.2119

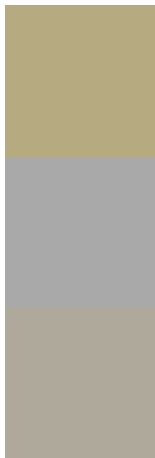
Deuteranomaly

39.5910, 40.1949, 26.4406

Tritanomaly

40.1439, 40.2147, 38.4473

Monochromacy



Original Color

37.5624, 40.2530, 26.2119

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

37.4763, 39.7077, 36.2610

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.5624, 40.2530, 26.2119 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(182, 170, 128)` looks like.

```
.text, #text, p{  
    color:rgb(182, 170, 128)  
}
```

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(182, 170, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 170, 128) }
```

Border

The CSS property to change the border of an element to XYZ 37.5624, 40.2530, 26.2119 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(182, 170, 128) }
```


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

```
.border{ border-color:rgb(182, 170, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 170, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 170, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 170, 128);  
box-shadow:4px 4px 4px 4px rgb(182, 170,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 37.5624, 40.2530, 26.2119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 170, 128) }
```

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

```
.background{ background-color: rgb(182,  
170, 128) }
```

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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