

Converting Colors

XYZ(37.6802, 40.8482, 26.2866)

Have a look what the booklet for
XYZ(37.6802, 40.8482, 26.2866)
contains.

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Color

**XYZ(37.7049, 40.8873,
26.3269)**

Conversions

Conversions Part 1

Format	Color
Hex	B5AC80
RGB	181, 172, 128
RGB Percent	71%, 67%, 50%
CMY	0.2902, 0.3255, 0.4980
CMYK	0.00, 0.05, 0.29, 0.29
HSL	50°, 26%, 61%
HSV	50°, 29%, 71%
XYZ	37.7049, 40.8873, 26.3269
YIQ	169.6750, 19.4880, -11.7760

Conversions

Conversions Part 2

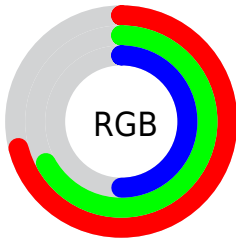
Format	Color
R_{YB}	139, 181, 128
Decimal	11906176
CIE _{Lab}	70.10, -3.72, 23.85
CIE _{LCh}	70, 24.134, 98.869
Yxy	40.8873, 0.3594, 0.3897
Android (android.graphics.Color)	4290096256 (0xFFB5AC80)
YUV	169.6750, -20.5458, 9.9320
Hunter-Lab	63.9432, -6.6458, 20.3491

Details

The XYZ color **37.7049, 40.8873, 26.3269** is a light color, and the websafe version is hex **999966**. A complement of this color would be **26.1882, 25.8162, 47.3191**, and the grayscale version is **38.1398, 40.1260, 43.6972**.

A 20% lighter version of the original color is **70.7346, 76.2789, 54.7112**, and **16.8440, 18.4950, 9.8898** is the 20% darker color. If you saturate the color by 10%, you get **36.0407, 39.2982, 20.4096**, and if you desaturate by 10%, it is **39.5973, 42.5922, 33.3698**.

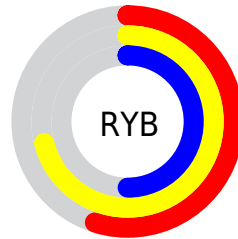
Distribution



Red (71%)

Green (67%)

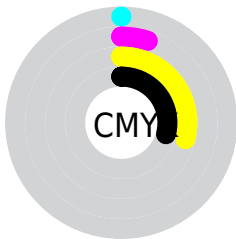
Blue (50%)



Red (55%)

Yellow (71%)

Blue (50%)

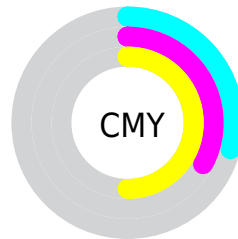


Cyan (0%)

Magenta (5%)

Yellow (29%)

Black (29%)



Cyan (29%)


Magenta (33%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.7049, 40.8873, 26.3269 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 37.7049, 40.8873, 26.3269 by changing the saturation by 10% instead.


 37.7049, 40.8873,
26.3269


 37.7049, 40.8873,
26.3269


327.6552,
349.8494, 298.0395


 25.9299, 28.2310,
16.8404


 70.9624, 76.5128,
54.7924

 16.9036, 18.4999,
9.9600


 93.1757, 100.2508,
74.6085

 10.2607, 11.3095,
5.2672

 119.5990,
128.4515, 98.7048

 5.6357, 6.2754,
2.3434

150.5979,
161.4993, 127.5000

 2.6634, 3.0133,
0.7554

186.5375,
199.7786, 161.4125

 0.9784, 1.1387,
0.0000

227.7834,

 0.0000, 0.0107,

243.6738, 200.8609

0.0000

274.7008,
293.5692, 246.2637

■ 0.0000, 0.0000,
0.0000

■ 37.7049, 40.8873,
26.3269

■ 37.7049, 40.8873,
26.3269

■ 36.0407, 39.2982,
20.4096

■ 39.5973, 42.5922,
33.3698

■ 34.5901, 37.8146,
15.5557

■ 41.7253, 44.4116,
41.5907

■ 33.3417, 36.4333,
11.7010

■ 44.0998, 46.3515,
51.0421

■ 32.2818, 35.1485,
8.7734

■ 46.7301, 48.4159,
61.7724

■ 31.3947, 33.9539,
6.6909

■ 49.6249, 50.6082,
73.8274

■ 30.6621, 32.8420,
5.3573

■ 52.7926, 52.9320,
87.2507

■ 30.0494, 31.7989,
4.5914

■ 56.2412, 55.3906,
102.0837

■ 30.0069, 31.7253,
4.5421

■ 56.9778, 56.7870,
102.5657

■ 57.6806, 58.1927,
102.8000

Harmonies

Analogous

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



41.6600, 40.8873, 27.1817



37.7049, 40.8873, 26.3269



34.2958, 40.8873, 29.6630

Triad

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



37.7049, 40.8873, 26.3269



33.2529, 40.8873, 59.5832



46.3718, 40.8873, 52.8150

Complementary

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



37.7049, 40.8873, 26.3269



26.1882, 25.8162, 47.3191

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.



43.8169, 40.8873, 63.6556



37.7049, 40.8873, 26.3269



36.1925, 40.8873, 67.9998

Square

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



37.7049, 40.8873, 26.3269



31.8420, 40.8873, 47.9517



40.0428, 40.8873, 69.6044



46.8450, 40.8873, 41.2548

Rectangle

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



37.7049, 40.8873, 26.3269



32.7268, 40.8873, 34.2105



40.0428, 40.8873, 69.6044



45.7201, 40.8873, 56.7153

Sweetspot

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



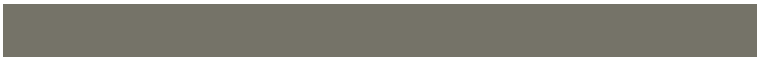
37.7059, 40.8892, 26.3278



74.7815, 79.5838, 74.6945



31.3426, 27.0894, 27.5148



16.0387, 17.0968, 15.6574



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.



37.7059, 40.8892, 26.3278



65.6043, 71.4123, 40.2428



35.7751, 42.5222, 26.7447



9.0719, 9.6563, 9.0382



20.7301, 21.9588, 3.1459



0.6847, 0.7557, 0.1098

Inverse Universe

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



26.1882, 25.8162, 47.3191



41.6925, 40.1258, 83.8422



27.6991, 24.7752, 47.0385



8.1547, 8.4556, 10.7086



6.1185, 3.0374, 30.4008



0.2279, 0.1663, 0.9683

Previews

White Background



This preview shows how the XYZ color 37.7049, 40.8873, 26.3269 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 37.7049, 40.8873, 26.3269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

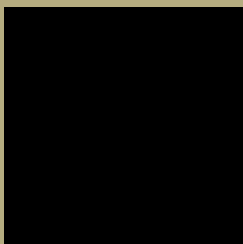
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

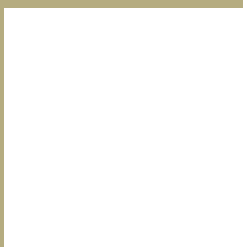
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.7049, 40.8873, 26.3269

Background



This preview shows how black text looks on a background with the XYZ color 37.7049, 40.8873, 26.3269.



This preview shows how white text looks on a background with the XYZ color 37.7049, 40.8873,

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

37.7049, 40.8873, 26.3269

Protanopia

38.2264, 40.8747, 26.2969

Deuteranopia

41.6618, 40.7192, 26.7829



Tritanopia

41.9845, 40.6894, 47.7605

Trichromacy



Original Color

37.7049, 40.8873, 26.3269

Protanomaly

37.9876, 40.7516, 26.2858

Deuteranomaly

40.0293, 40.6917, 26.5134

Tritanomaly

40.3554, 40.8576, 39.0171

Monochromacy



Original Color

37.7049, 40.8873, 26.3269

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

37.9349, 40.4910, 36.8265

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.7049, 40.8873, 26.3269 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, 172, 128)` looks like.

```
.text, #text, p{  
    color:rgb(181, 172, 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(181, 172, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 172, 128) }
```

Border

The CSS property to change the border of an element to XYZ 37.7049, 40.8873, 26.3269 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, 172, 128) }
```


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

```
.border{ border-color:rgb(181, 172, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 172, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 172, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 172, 128);  
box-shadow:4px 4px 4px 4px rgb(181, 172,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 37.7049, 40.8873, 26.3269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 172, 128) }
```

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

```
.background{ background-color: rgb(181,  
172, 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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