

Converting Colors

XYZ(37.9805, 42.5546, 27.4802)

Have a look what the booklet for
XYZ(37.9805, 42.5546, 27.4802)
contains.

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Color

**XYZ(37.8829, 42.4031,
27.3071)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | B1B182 |
| RGB | 177, 177, 130 |
| RGB Percent | 69%, 69%, 51% |
| CMY | 0.3059, 0.3059, 0.4902 |
| CMYK | 0.00, 0.00, 0.27, 0.31 |
| HSL | 60°, 23%, 60% |
| HSV | 60°, 27%, 69% |
| XYZ | 37.8829, 42.4031, 27.3071 |
| YIQ | 171.6420, 15.0870, -14.6170 |

Conversions

Conversions Part 2

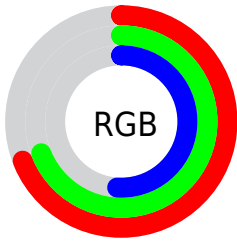
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 130, 177, 130 |
| Decimal | 11645314 |
| CIELab | 71.15, -7.67, 24.13 |
| CIELCh | 71, 25.321, 107.642 |
| Yxy | 42.4031, 0.3521, 0.3941 |
| Android (android.graphics.Color) | 4289835394 (0xFFB1B182) |
| YUV | 171.6420, -20.5295, 4.6990 |
| Hunter-Lab | 65.1177, -10.1116, 20.7191 |

Details

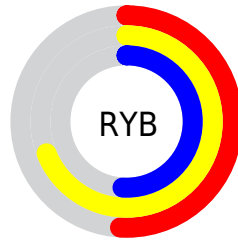
The XYZ color **37.8829, 42.4031, 27.3071** is a light color, and the websafe version is hex **999966**. A complement of this color would be **25.1260, 23.8865, 44.8836**, and the grayscale version is **39.1278, 41.1654, 44.8292**.

A 20% lighter version of the original color is **71.2904, 79.0204, 56.2948**, and **17.0938, 19.5315, 10.4584** is the 20% darker color. If you saturate the color by 10%, you get **36.7957, 41.9696, 21.5790**, and if you desaturate by 10%, it is **39.1767, 42.9221, 34.1135**.

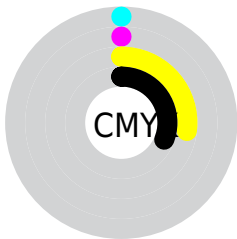
Distribution



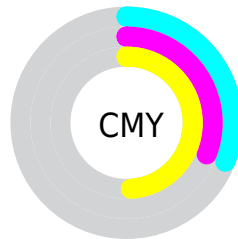
- Red (69%)
- Green (69%)
- Blue (51%)



- Red (51%)
- Yellow (69%)
- Blue (51%)



- Cyan (0%)
- Magenta (0%)
- Yellow (27%)
- Black (31%)





- Cyan (31%)
- Magenta (31%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.8829, 42.4031, 27.3071 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 37.8829, 42.4031, 27.3071 by changing the saturation by 10% instead.


 37.8829, 42.4031,
27.3071


 37.8829, 42.4031,
27.3071


328.4069,
356.1512, 302.9481


 26.0686, 29.4171,
17.5695


 71.2337, 78.8093,
56.3860

 17.0079, 19.3965,
10.4751


 93.5009, 102.9983,
76.5644

 10.3355, 11.9572,
5.6054


 119.9831,
131.6904, 101.0601

 5.6859, 6.7145,
2.5418

151.0457,
165.2700, 130.2918

 2.6939, 3.2842,
0.8622

187.0540,
204.1215, 164.6778

 0.9940, 1.2819,
0.0000

228.3734,

 0.0000, 0.1271,

248.6292, 204.6369

0.0000

275.3693,
299.1777, 250.5874

■ 0.0000, 0.0000,
0.0000

■ 37.8829, 42.4031,
27.3071

■ 37.8829, 42.4031,
27.3071

■ 36.7957, 41.9696,
21.5790

■ 39.1767, 42.9221,
34.1135

■ 35.9014, 41.6119,
16.8713

■ 40.6836, 43.5249,
42.0467

■ 35.1896, 41.3271,
13.1250

■ 42.4136, 44.2170,
51.1553

■ 34.6478, 41.1104,
10.2739

■ 44.3755, 45.0018,
61.4846

■ 34.2618, 40.9559,
8.2433

■ 46.5773, 45.8825,
73.0773

■ 34.0153, 40.8573,
6.9467

■ 49.0268, 46.8624,
85.9741

■ 33.8855, 40.8053,
6.2654

■ 51.7313, 47.9442,
100.2138

■ 33.8520, 40.7919,
6.0894

■ 51.9074, 48.0147,
101.1397

■ 51.9078, 48.0149,
101.1397

Harmonies

Analogous

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



42.0724, 42.4031, 26.9165



37.8829, 42.4031, 27.3071



34.5753, 42.4031, 32.1613

Triad

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



37.8829, 42.4031, 27.3071



35.0573, 42.4031, 65.6550



48.7999, 42.4031, 51.3475

Complementary

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



37.8829, 42.4031, 27.3071



25.1260, 23.8865, 44.8836

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.



46.6304, 42.4031, 63.7494



37.8829, 42.4031, 27.3071



38.5837, 42.4031, 72.9296

Square

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



37.8829, 42.4031, 27.3071



33.0243, 42.4031, 53.6114



42.8238, 42.4031, 72.1768



48.5793, 42.4031, 39.4508

Rectangle

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



37.8829, 42.4031, 27.3071



33.2255, 42.4031, 37.8480



42.8238, 42.4031, 72.1768



48.3200, 42.4031, 55.6299

Sweetspot

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



37.8840, 42.4050, 27.3080



72.4057, 77.7660, 72.9142



30.1447, 26.9251, 24.7280



15.6015, 16.8172, 15.3282



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



37.8840, 42.4050, 27.3080



66.6345, 75.4574, 42.5319



32.9845, 39.8792, 27.0787



9.1970, 9.9066, 9.0800



24.5256, 29.5535, 4.4118



0.7717, 0.9299, 0.1388

Inverse Universe

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



25.1260, 23.8865, 44.8836



39.8345, 36.5567, 79.4520



29.1512, 25.9616, 45.0720



8.0420, 8.2302, 10.6711



5.7499, 2.3000, 30.2779



0.1809, 0.0724, 0.9527

Previews

White Background



This preview shows how the XYZ color 37.8829, 42.4031, 27.3071 looks on a white background.

Color Contrast Check

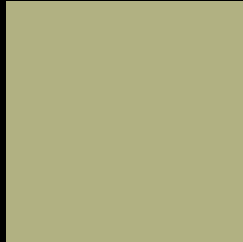
Large Text (above 18pt) WCAG AA × Fail

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 37.8829, 42.4031, 27.3071 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

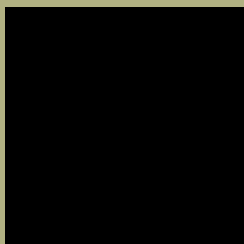
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

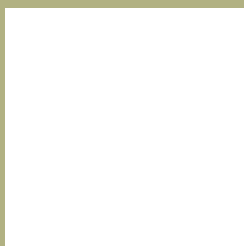
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.8829, 42.4031, 27.3071

Background



This preview shows how black text looks on a background with the XYZ color 37.8829, 42.4031, 27.3071.



This preview shows how white text looks on a background with the XYZ color 37.8829, 42.4031,

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

37.8829, 42.4031, 27.3071

Protanopia

39.5920, 42.4219, 26.8704

Deuteranopia

43.1604, 42.2825, 27.7163



Tritanopia

42.6891, 42.3587, 50.7258

Trichromacy



Original Color

37.8829, 42.4031, 27.3071

Protanomaly

38.8209, 42.3122, 26.8899

Deuteranomaly

41.1653, 42.3666, 27.4807

Tritanomaly

40.7005, 42.3912, 41.1591

Monochromacy



Original Color

37.8829, 42.4031, 27.3071

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

38.6774, 41.7051, 37.9097

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.8829, 42.4031, 27.3071 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(177, 177, 130)` looks like.

```
.text, #text, p{  
    color:rgb(177, 177, 130)  
}
```

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(177, 177, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 177, 130) }
```

Border

The CSS property to change the border of an element to XYZ 37.8829, 42.4031, 27.3071 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(177, 177, 130) }
```


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

```
.border{ border-color:rgb(177, 177, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 177, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 177, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 177, 130);  
box-shadow:4px 4px 4px 4px rgb(177, 177,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 37.8829, 42.4031, 27.3071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 177, 130) }
```

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

```
.background{ background-color: rgb(177,  
177, 130) }
```

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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