

Converting Colors

XYZ(39.0321, 42.1875, 28.9360)

Have a look what the booklet for
XYZ(39.0321, 42.1875, 28.9360)
contains.

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Color

**XYZ(39.0377, 42.0887,
28.9881)**

Conversions

Conversions Part 1

Format	Color
Hex	B7AE87
RGB	183, 174, 135
RGB Percent	72%, 68%, 53%
CMY	0.2824, 0.3176, 0.4706
CMYK	0.00, 0.05, 0.26, 0.28
HSL	49°, 25%, 62%
HSV	49°, 26%, 72%
XYZ	39.0377, 42.0887, 28.9881
YIQ	172.2450, 17.8830, -10.2210

Conversions

Conversions Part 2

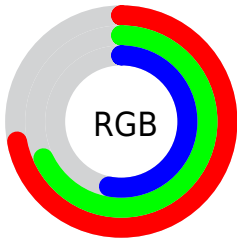
Format	Color
RYB	146, 183, 135
Decimal	12037767
CIELab	70.93, -3.04, 21.22
CIELCh	71, 21.438, 98.157
Yxy	42.0887, 0.3545, 0.3822
Android (android.graphics.Color)	4290227847 (0xFFB7AE87)
YUV	172.2450, -18.3618, 9.4321
Hunter-Lab	64.8758, -6.1239, 18.9208

Details

The XYZ color **39.0377, 42.0887, 28.9881** is a light color, and the websafe version is hex **999966**. A complement of this color would be **28.5120, 28.5156, 48.8013**, and the grayscale version is **39.4215, 41.4745, 45.1657**.

A 20% lighter version of the original color is **72.6930, 78.0202, 58.8050**, and **17.6525, 19.2421, 11.3780** is the 20% darker color. If you saturate the color by 10%, you get **37.2047, 40.3102, 22.5575**, and if you desaturate by 10%, it is **41.1113, 43.9934, 36.5925**.

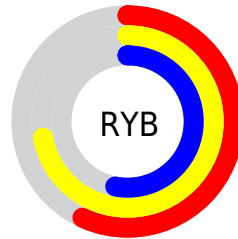
Distribution



Red (72%)

Green (68%)

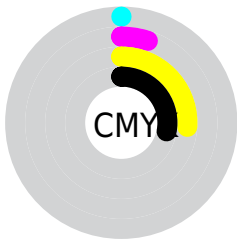
Blue (53%)



Red (57%)

Yellow (72%)

Blue (53%)

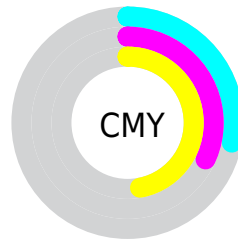


Cyan (0%)

Magenta (5%)

Yellow (26%)

Black (28%)



Cyan (28%)

Magenta (32%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.0377, 42.0887, 28.9881 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 39.0377, 42.0887, 28.9881 by changing the saturation by 10% instead.

■ 39.0377, 42.0887,
28.9881

■ 39.0377, 42.0887,
28.9881

333.2552,
354.8505, 311.2180

■ 26.9699, 29.1708,
18.8263

■ 72.9896, 78.3339,
59.1001

■ 17.6871, 19.2100,
11.3693

■ 95.6044, 102.4298,
79.8875

■ 10.8239, 11.8221,
6.1985

■ 122.4657,
131.0206, 105.0537

■ 6.0150, 6.6227,
2.8954

153.9386,
164.4906, 135.0175

■ 2.8949, 3.2273,
1.0415

190.3887,
203.2242, 170.1972

■ 1.0984, 1.2515,
0.0000

232.1813,

■ 0.0238, 0.1032,

247.6058, 211.0115

0.0000

279.6816,
298.0198, 257.8789

■ 0.0000, 0.0000,
0.0000

■ 39.0377, 42.0887,
28.9881

■ 39.0377, 42.0887,
28.9881

■ 37.2047, 40.3102,
22.5575

■ 41.1113, 43.9934,
36.5925

■ 35.5975, 38.6475,
17.2385

■ 43.4330, 46.0231,
45.4236

■ 34.2049, 37.0973,
12.9668

■ 46.0136, 48.1839,
55.5341

■ 33.0131, 35.6539,
9.6708

■ 48.8627, 50.4797,
66.9729

■ 32.0065, 34.3109,
7.2698

■ 51.9892, 52.9143,
79.7864

■ 31.1674, 33.0609,
5.6698

■ 55.4014, 55.4913,
94.0185

■ 30.4722, 31.8943,
4.7483

■ 57.7754, 57.6811,
102.6962

■ 30.2292, 31.4686,
4.4808

■ 58.5684, 59.2670,
102.9605

■ 59.3791, 60.8886,
103.2308

Harmonies

Analogous

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



42.6134, 42.0887, 29.8910



39.0377, 42.0887, 28.9881



35.9102, 42.0887, 32.0389

Triad

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



39.0377, 42.0887, 28.9881



34.8443, 42.0887, 59.0816



46.7217, 42.0887, 53.5400

Complementary

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



39.0377, 42.0887, 28.9881



28.5120, 28.5156, 48.8013

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.



44.3978, 42.0887, 63.0940



39.0377, 42.0887, 28.9881



37.5034, 42.0887, 66.6104

Square

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



39.0377, 42.0887, 28.9881



33.5850, 42.0887, 48.6746



40.9862, 42.0887, 68.1787



47.1929, 42.0887, 43.0935

Rectangle

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



39.0377, 42.0887, 28.9881



34.4501, 42.0887, 36.2160



40.9862, 42.0887, 68.1787



46.1249, 42.0887, 57.0047

Sweetspot

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



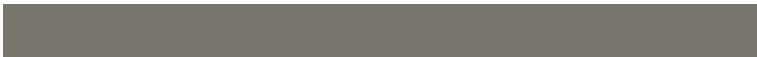
39.0388, 42.0906, 28.9890



76.9608, 81.7166, 78.1685



33.2729, 29.4278, 30.5536



16.8564, 17.9259, 16.7213



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.



39.0388, 42.0906, 28.9890



68.1302, 73.6719, 45.5779



37.5835, 44.0074, 29.4357



9.6033, 10.2095, 9.5714



21.1352, 22.0468, 3.1415



0.7826, 0.8522, 0.1232

Inverse Universe

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



28.5120, 28.5156, 48.8013



46.3458, 45.5838, 86.5916



29.6792, 27.1747, 48.4809



8.6537, 8.9846, 11.3575



6.4058, 3.2713, 31.5469



0.2673, 0.1982, 1.1259

Previews

White Background



This preview shows how the XYZ color 39.0377, 42.0887, 28.9881 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 39.0377, 42.0887, 28.9881 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

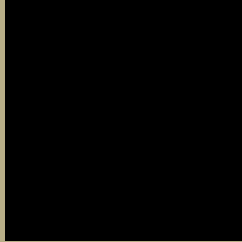
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.0377, 42.0887, 28.9881

Background



This preview shows how black text looks on a background with the XYZ color 39.0377, 42.0887, 28.9881.



This preview shows how white text looks on a background with the XYZ color 39.0377, 42.0887,

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

39.0377, 42.0887, 28.9881

Protanopia

39.3243, 41.9507, 28.9464

Deuteranopia

42.8913, 42.1115, 29.1603



Tritanopia

43.3294, 42.1603, 49.5701

Trichromacy



Original Color

39.0377, 42.0887, 28.9881

Protanomaly

39.0839, 41.8268, 28.9351

Deuteranomaly

41.5836, 42.2628, 29.2584

Tritanomaly

41.5691, 41.9946, 41.0368

Monochromacy



Original Color

39.0377, 42.0887, 28.9881

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

39.1061, 41.6204, 38.7733

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.0377, 42.0887, 28.9881 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(183, 174, 135)` looks like.

```
.text, #text, p{  
    color:rgb(183, 174, 135)  
}
```

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(183, 174, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 174, 135) }
```

Border

The CSS property to change the border of an element to XYZ 39.0377, 42.0887, 28.9881 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(183, 174, 135) }
```


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

```
.border{ border-color:rgb(183, 174, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 174, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 174, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 174, 135);  
box-shadow:4px 4px 4px 4px rgb(183, 174,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 39.0377, 42.0887, 28.9881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 174, 135) }
```

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

```
.background{ background-color: rgb(183,  
174, 135) }
```

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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