

Converting Colors

XYZ(37.0396, 39.1271, 27.4299)

Have a look what the booklet for
XYZ(37.0396, 39.1271, 27.4299)
contains.

XYZ(37.0396, 39.1271, 27.4299)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(37.0396, 39.1271,
27.4299)**

Conversions

Conversions Part 1

Format	Color
Hex	B5A784
RGB	181, 167, 132
RGB Percent	71%, 65%, 52%
CMY	0.2902, 0.3451, 0.4823
CMYK	0.00, 0.08, 0.27, 0.29
HSL	43°, 25%, 61%
HSV	43°, 27%, 71%
XYZ	37.0396, 39.1271, 27.4299
YIQ	167.1960, 19.5790, -7.9170

Conversions

Conversions Part 2

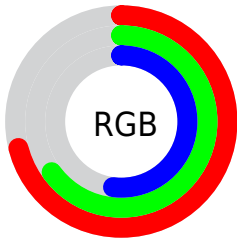
Format	Color
RYB	152, 181, 132
Decimal	11904900
CIELab	68.84, -0.49, 19.97
CIElCh	69, 19.973, 91.408
Yxy	39.1271, 0.3575, 0.3777
Android (android.graphics.Color)	4290094980 (0xFFB5A784)
YUV	167.1960, -17.3516, 12.1061
Hunter-Lab	62.5517, -3.7677, 17.7866

Details

The XYZ color **37.0396, 39.1271, 27.4299** is a light color, and the websafe version is hex **999966**. A complement of this color would be **28.1349, 28.7987, 47.7920**, and the grayscale version is **36.9022, 38.8240, 42.2793**.

A 20% lighter version of the original color is **69.8033, 73.7499, 56.4551**, and **16.5558, 17.4599, 10.4801** is the 20% darker color. If you saturate the color by 10%, you get **34.9790, 36.8189, 21.1534**, and if you desaturate by 10%, it is **39.3551, 41.6006, 34.8525**.

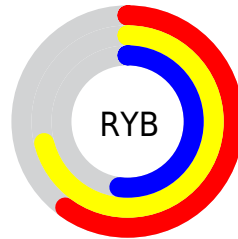
Distribution



Red (71%)

Green (65%)

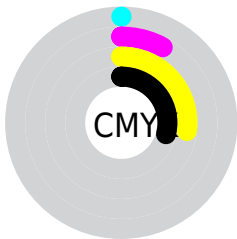
Blue (52%)



Red (60%)

Yellow (71%)

Blue (52%)

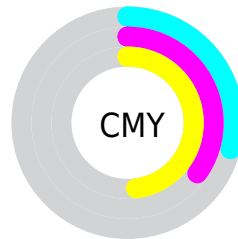


Cyan (0%)

Magenta (8%)

Yellow (27%)

Black (29%)



Cyan (29%)


Magenta (35%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.0396, 39.1271, 27.4299 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 37.0396, 39.1271, 27.4299 by changing the saturation by 10% instead.


 37.0396, 39.1271,
27.4299


 37.0396, 39.1271,
27.4299


324.8345,
342.4306, 303.5584


 25.4120, 26.8586,
17.6611


 69.9471, 73.8324,
56.5850

 16.5146, 17.4671,
10.5400

 91.9577, 97.0381,
76.8084

 9.9822, 10.5681,
5.6482


 118.1600,
124.6583, 101.3538

 5.4493, 5.7772,
2.5671

148.9194,
157.0773, 130.6396

 2.5507, 2.7101,
0.8754

184.6012,
194.6797, 165.0844

 0.9209, 0.9823,
0.0000

225.5707,

 0.0000, 0.0000,

237.8498, 205.1068

0.0000

272.1934,
286.9719, 251.1253

■ 37.0396, 39.1271,
27.4299

■ 37.0396, 39.1271,
27.4299

■ 34.9790, 36.8189,
21.1534

■ 39.3551, 41.6006,
34.8525

■ 33.1586, 34.6653,
15.9619

■ 41.9330, 44.2390,
43.4732

■ 31.5670, 32.6624,
11.7924

■ 44.7846, 47.0488,
53.3436

■ 30.1902, 30.8039,
8.5745

■ 47.9193, 50.0344,
64.5116

■ 29.0129, 29.0828,
6.2284

■ 51.3460, 53.2002,
77.0227

■ 28.0168, 27.4913,
4.6616

■ 55.0735, 56.5501,
90.9200

■ 27.1766, 26.0183,
3.7419

■ 58.5079, 59.8475,
103.0758

■ 26.9460, 25.6036,
3.5218

■ 59.7509, 62.3333,
103.4901

■ 61.0349, 64.9014,
103.9181

Harmonies

Analogous

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



40.1821, 39.1271, 29.0434



37.0396, 39.1271, 27.4299



34.1032, 39.1271, 29.3769

Triad

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



37.0396, 39.1271, 27.4299



32.2272, 39.1271, 52.3595



42.8002, 39.1271, 51.5119

Complementary

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



37.0396, 39.1271, 27.4299



28.1349, 28.7987, 47.7920

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.



40.4558, 39.1271, 59.3000



37.0396, 39.1271, 27.4299



34.3486, 39.1271, 59.8362

Square

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



37.0396, 39.1271, 27.4299



31.4241, 39.1271, 43.0330



37.3391, 39.1271, 62.5384



43.6194, 39.1271, 42.1754

Rectangle

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



37.0396, 39.1271, 27.4299



32.6269, 39.1271, 32.6181



37.3391, 39.1271, 62.5384



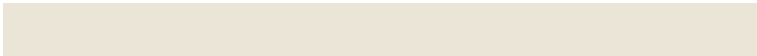
42.1580, 39.1271, 54.4417

Sweetspot

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



37.0406, 39.1289, 27.4307



74.5875, 78.7145, 76.1142



32.5506, 28.4239, 31.2517



15.9673, 16.8577, 15.9310



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.



37.0406, 39.1289, 27.4307



64.2667, 67.7833, 42.7379



37.5272, 43.3943, 28.2284



8.9879, 9.4883, 9.0102



18.6374, 17.7733, 2.4483



0.6332, 0.6527, 0.0926

Inverse Universe

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



28.1349, 28.7987, 47.7920



45.8586, 46.4360, 84.8406



27.7132, 25.5724, 47.1915



8.2331, 8.6124, 10.7348



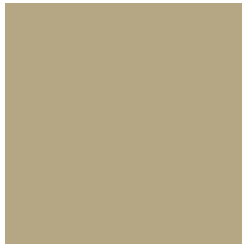
6.6394, 4.0791, 30.5744



0.2600, 0.2305, 0.9790

Previews

White Background



This preview shows how the XYZ color 37.0396, 39.1271, 27.4299 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 37.0396, 39.1271, 27.4299 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

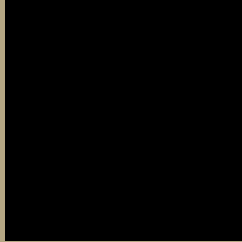
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.0396, 39.1271, 27.4299

Background



This preview shows how black text looks on a background with the XYZ color 37.0396, 39.1271, 27.4299.



This preview shows how white text looks on a background with the XYZ color 37.0396, 39.1271,

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

37.0396, 39.1271, 27.4299

Protanopia

36.7579, 39.2549, 27.4694

Deuteranopia

39.7435, 38.9190, 27.6077



Tritanopia

40.6346, 38.9848, 45.4276

Trichromacy



Original Color

37.0396, 39.1271, 27.4299

Protanomaly

36.9899, 39.3745, 27.4803

Deuteranomaly

38.8167, 38.9642, 27.6653

Tritanomaly

39.1224, 38.8879, 38.2450

Monochromacy



Original Color

37.0396, 39.1271, 27.4299

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

36.6647, 38.7412, 36.1172

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.0396, 39.1271, 27.4299 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, 167, 132)` looks like.

```
.text, #text, p{  
    color:rgb(181, 167, 132)  
}
```

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, 167, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 167, 132) }
```

Border

The CSS property to change the border of an element to XYZ 37.0396, 39.1271, 27.4299 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, 167, 132) }
```


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

```
.border{ border-color:rgb(181, 167, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 167, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 167, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 167, 132);  
box-shadow:4px 4px 4px 4px rgb(181, 167,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 37.0396, 39.1271, 27.4299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 167, 132) }
```

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

```
.background{ background-color: rgb(181,  
167, 132) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor