

Converting Colors

XYZ(39.1321, 41.2696, 26.5675)

Have a look what the booklet for
XYZ(39.1321, 41.2696, 26.5675)
contains.

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Color

**XYZ(39.2644, 41.4022,
26.6908)**

Conversions

Conversions Part 1

Format	Color
Hex	BCAB81
RGB	188, 171, 129
RGB Percent	74%, 67%, 51%
CMY	0.2627, 0.3294, 0.4941
CMYK	0.00, 0.09, 0.31, 0.26
HSL	43°, 31%, 62%
HSV	43°, 31%, 74%
XYZ	39.2644, 41.4022, 26.6908
YIQ	171.2950, 23.6140, -9.4580

Conversions

Conversions Part 2

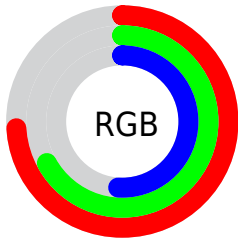
Format	Color
RYB	153, 188, 129
Decimal	12364673
CIELab	70.46, -0.28, 23.89
CIELCh	70, 23.896, 90.660
Yxy	41.4022, 0.3657, 0.3856
Android (android.graphics.Color)	4290554753 (0xFFBCAB81)
YUV	171.2950, -20.8514, 14.6503
Hunter-Lab	64.3445, -3.6785, 20.4471

Details

The XYZ color **39.2644, 41.4022, 26.6908** is a light color, and the websafe version is hex **999966**. A complement of this color would be **28.4090, 28.8548, 51.6492**, and the grayscale version is **38.9512, 40.9797, 44.6269**.

A 20% lighter version of the original color is **73.2960, 77.1826, 55.2906**, and **17.8396, 18.8265, 10.0908** is the 20% darker color. If you saturate the color by 10%, you get **37.1262, 38.9450, 20.3698**, and if you desaturate by 10%, it is **41.6766, 44.0390, 34.2384**.

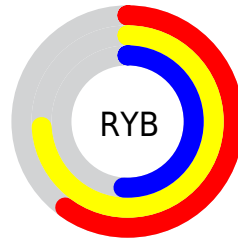
Distribution



Red (74%)

Green (67%)

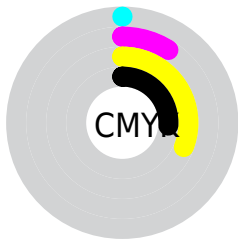
Blue (51%)



Red (60%)

Yellow (74%)

Blue (51%)

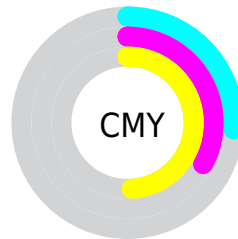


Cyan (0%)

Magenta (9%)

Yellow (31%)

Black (26%)



Cyan (26%)

Magenta (33%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.2644, 41.4022, 26.6908 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 39.2644, 41.4022, 26.6908 by changing the saturation by 10% instead.

■ 39.2644, 41.4022,
26.6908

■ 39.2644, 41.4022,
26.6908

334.2011,
351.9988, 299.8696

■ 27.1471, 28.6335,
17.1108

■ 73.3335, 77.2941,
55.3850

■ 17.8209, 18.8037,
10.1507

■ 96.0161, 101.1860,
75.3362

■ 10.9204, 11.5285,
5.3921

■ 122.9512,
129.5545, 99.5816

■ 6.0802, 6.4235,
2.4164

154.5041,
162.7839, 128.5397

■ 2.9350, 3.1043,
0.7953

191.0402,
201.2587, 162.6290

■ 1.1195, 1.1864,
0.0000

232.9248,

■ 0.0413, 0.0506,

245.3631, 202.2680

0.0000

280.5233,
295.4817, 247.8754

■ 0.0000, 0.0000,
0.0000

■ 39.2644, 41.4022,
26.6908

■ 39.2644, 41.4022,
26.6908

■ 37.1262, 38.9450,
20.3698

■ 41.6766, 44.0390,
34.2384

■ 35.2457, 36.6556,
15.2062

■ 44.3717, 46.8555,
43.0717

■ 33.6097, 34.5295,
11.1277

■ 47.3622, 49.8586,
53.2489

■ 32.2020, 32.5594,
8.0530

■ 50.6588, 53.0536,
64.8239

■ 31.0047, 30.7372,
5.8890

■ 54.2715, 56.4451,
77.8477

■ 29.9962, 29.0535,
4.5251

■ 58.2101, 60.0378,
92.3687

■ 29.2427, 27.6987,
3.8051

■ 61.5684, 63.4700,
103.6137

■ 62.9190, 66.1713,
104.0639

■ 64.3153, 68.9639,
104.5293

Harmonies

Analogous

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



43.1785, 41.4022, 28.6990



39.2644, 41.4022, 26.6908



35.6161, 41.4022, 28.8842

Triad

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



39.2644, 41.4022, 26.6908



33.1924, 41.4022, 57.0639



46.3263, 41.4022, 56.5591

Complementary

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



39.2644, 41.4022, 26.6908



28.4090, 28.8548, 51.6492

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.



43.3394, 41.4022, 66.4191



39.2644, 41.4022, 26.6908



35.7577, 41.4022, 66.7430

Square

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



39.2644, 41.4022, 26.6908



32.2570, 41.4022, 45.3302



39.4388, 41.4022, 70.4191



47.4168, 41.4022, 44.8306

Rectangle

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



39.2644, 41.4022, 26.6908



33.7825, 41.4022, 32.6860



39.4388, 41.4022, 70.4191



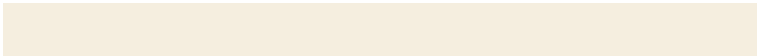
45.5013, 41.4022, 60.2672

Sweetspot

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



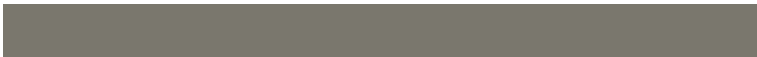
39.2655, 41.4041, 26.6917



81.5812, 86.1052, 81.9683



33.8325, 28.4895, 31.1968



17.3797, 18.3496, 17.0758



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



39.2655, 41.4041, 26.6917



68.3079, 71.7808, 39.8645



39.8956, 46.8050, 27.7009



10.0837, 10.6435, 10.0996



19.9761, 18.9910, 2.6128



0.8359, 0.8508, 0.1202

Inverse Universe

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



28.4090, 28.8548, 51.6492



45.3925, 45.3033, 92.5782



27.8783, 24.9770, 50.9287



9.2344, 9.6611, 12.0503



7.1394, 4.3905, 32.8641



0.3378, 0.2882, 1.3067

Previews

White Background



This preview shows how the XYZ color 39.2644, 41.4022, 26.6908 looks on a white background.

Color Contrast Check

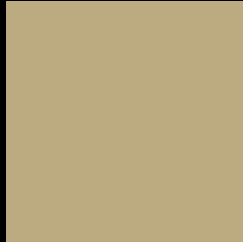
Large Text (above 18pt) WCAG AA × Fail

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 39.2644, 41.4022, 26.6908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

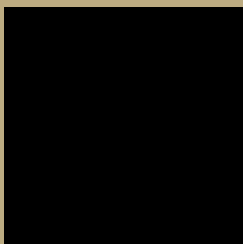
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

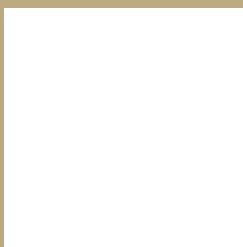
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.2644, 41.4022, 26.6908

Background



This preview shows how black text looks on a background with the XYZ color 39.2644, 41.4022, 26.6908.



This preview shows how white text looks on a background with the XYZ color 39.2644, 41.4022,

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

39.2644, 41.4022, 26.6908

Protanopia

38.7894, 41.4310, 27.0717

Deuteranopia

42.1130, 41.2185, 26.8555



Tritanopia

43.6391, 41.5539, 47.3157

Trichromacy



Original Color

39.2644, 41.4022, 26.6908

Protanomaly

39.0315, 41.5559, 27.0830

Deuteranomaly

41.1367, 41.2549, 26.9139

Tritanomaly

41.9021, 41.3820, 39.0367

Monochromacy



Original Color

39.2644, 41.4022, 26.6908

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

38.6951, 40.8732, 37.3024

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2644, 41.4022, 26.6908 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(188, 171, 129)` looks like.

```
.text, #text, p{  
    color:rgb(188, 171, 129)  
}
```

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(188, 171, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 171, 129) }
```

Border

The CSS property to change the border of an element to XYZ 39.2644, 41.4022, 26.6908 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(188, 171, 129) }
```


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

```
.border{ border-color:rgb(188, 171, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 171, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 171, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 171, 129);  
box-shadow:4px 4px 4px 4px rgb(188, 171,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2644, 41.4022, 26.6908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 171, 129) }
```

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

```
.background{ background-color: rgb(188,  
171, 129) }
```

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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