

Converting Colors

XYZ(39.4641, 42.5343, 29.1125)

Have a look what the booklet for
XYZ(39.4641, 42.5343, 29.1125)
contains.

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Color

**XYZ(39.4703, 42.5996,
29.0639)**

Conversions

Conversions Part 1

Format	Color
Hex	B8AF87
RGB	184, 175, 135
RGB Percent	72%, 69%, 53%
CMY	0.2784, 0.3137, 0.4706
CMYK	0.00, 0.05, 0.27, 0.28
HSL	49°, 26%, 63%
HSV	49°, 27%, 72%
XYZ	39.4703, 42.5996, 29.0639
YIQ	173.1310, 18.2040, -10.5320

Conversions

Conversions Part 2

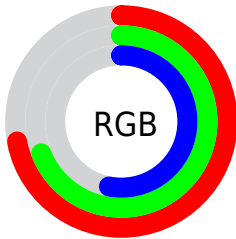
Format	Color
RYB	146, 184, 135
Decimal	12103559
CIELab	71.28, -3.18, 21.71
CIELCh	71, 21.945, 98.342
Yxy	42.5996, 0.3552, 0.3833
Android (android.graphics.Color)	4290293639 (0xFFB8AF87)
YUV	173.1310, -18.7986, 9.5321
Hunter-Lab	65.2684, -6.2738, 19.2861

Details

The XYZ color **39.4703, 42.5996, 29.0639** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **28.6164, 28.5573, 49.3513**, and the grayscale version is **39.8746, 41.9512, 45.6849**.

A 20% lighter version of the original color is **73.3091, 78.7497, 58.9134**, and **17.9286, 19.5676, 11.4263** is the 20% darker color. If you saturate the color by 10%, you get **37.6363, 40.8286, 22.6041**, and if you desaturate by 10%, it is **41.5469, 44.4969, 36.7102**.

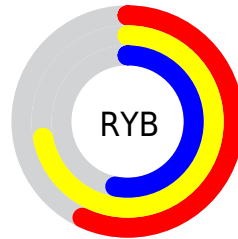
Distribution



Red (72%)

Green (69%)

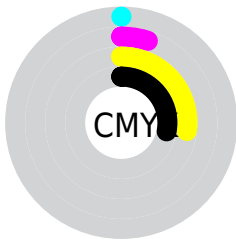
Blue (53%)



Red (57%)

Yellow (72%)

Blue (53%)

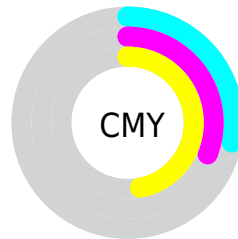


Cyan (0%)

Magenta (5%)

Yellow (27%)

Black (28%)



Cyan (28%)

Magenta (31%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.4703, 42.5996, 29.0639 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 39.4703, 42.5996, 29.0639 by changing the saturation by 10% instead.

■ 39.4703, 42.5996,
29.0639

■ 39.4703, 42.5996,
29.0639

335.0587,
356.9625, 311.5867

■ 27.3082, 29.5711,
18.8832

■ 73.6457, 79.1063,
59.2220

■ 17.9426, 19.5133,
11.4099

■ 96.3897, 103.3533,
80.0364

■ 11.0082, 12.0417,
6.2256

■ 123.3916,
132.1085, 105.2325

■ 6.1397, 6.7721,
2.9118

155.0170,
165.7564, 135.2288

■ 2.9717, 3.3200,
1.0498

191.6310,
204.6813, 170.4438

■ 1.1388, 1.3010,
0.0000

233.5990,

■ 0.0572, 0.1420,

249.2678, 211.2961

0.0000

281.2865,
299.9000, 258.2042

■ 0.0000, 0.0000,
0.0000

■ 39.4703, 42.5996,
29.0639

■ 39.4703, 42.5996,
29.0639

■ 37.6363, 40.8286,
22.6041

■ 41.5469, 44.4969,
36.7102

■ 36.0300, 39.1733,
17.2675

■ 43.8735, 46.5193,
45.5966

■ 34.6397, 37.6304,
12.9887

■ 46.4615, 48.6728,
55.7768

■ 33.4516, 36.1941,
9.6949

■ 49.3203, 50.9616,
67.3004

■ 32.4498, 34.8579,
7.3036

■ 52.4590, 53.3894,
80.2145

■ 31.6161, 33.6142,
5.7192

■ 55.8862, 55.9599,
94.5638

■ 30.9257, 32.4531,
4.8122

■ 58.1602, 58.0964,
102.7561

■ 30.7089, 32.0737,
4.5723

■ 58.9443, 59.6646,
103.0175

■ 59.7458, 61.2675,
103.2846

Harmonies

Analogous

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



43.1613, 42.5996, 29.9648



39.4703, 42.5996, 29.0639



36.2513, 42.5996, 32.2192

Triad

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



39.4703, 42.5996, 29.0639



35.1828, 42.5996, 60.1453



47.4383, 42.5996, 54.2830

Complementary

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



39.4703, 42.5996, 29.0639



28.6164, 28.5573, 49.3513

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.



45.0461, 42.5996, 64.1889



39.4703, 42.5996, 29.0639



37.9306, 42.5996, 67.9149

Square

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



39.4703, 42.5996, 29.0639



33.8760, 42.5996, 49.3906



41.5264, 42.5996, 69.4972



47.9125, 42.5996, 43.5014

Rectangle

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



39.4703, 42.5996, 29.0639



34.7530, 42.5996, 36.5279



41.5264, 42.5996, 69.4972



46.8251, 42.5996, 57.8697

Sweetspot

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



39.4714, 42.6015, 29.0648



78.8684, 83.7623, 80.0855



33.5269, 29.5570, 30.6458



16.8618, 17.9367, 16.7231



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.



39.4714, 42.6015, 29.0648



69.5367, 75.3025, 45.5183



37.9405, 44.4986, 29.5117



9.6062, 10.2154, 9.5724



21.2120, 22.2003, 3.1671



0.7847, 0.8564, 0.1240

Inverse Universe

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



28.6164, 28.5573, 49.3513



46.5245, 45.5344, 88.5415



29.8387, 27.2448, 49.0336



8.6509, 8.9791, 11.3566



6.3913, 3.2422, 31.5420



0.2661, 0.1959, 1.1255

Previews

White Background



This preview shows how the XYZ color 39.4703, 42.5996, 29.0639 looks on a white background.

Color Contrast Check

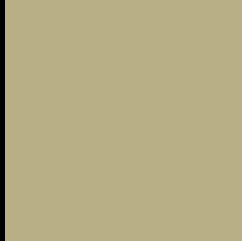
Large Text (above 18pt) WCAG AA × Fail

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 39.4703, 42.5996, 29.0639 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 39.4703, 42.5996, 29.0639

Background



This preview shows how black text looks on a background with the XYZ color 39.4703, 42.5996, 29.0639.



This preview shows how white text looks on a background with the XYZ color 39.4703, 42.5996,

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

39.4703, 42.5996, 29.0639

Protanopia

39.7589, 42.4605, 29.0218

Deuteranopia

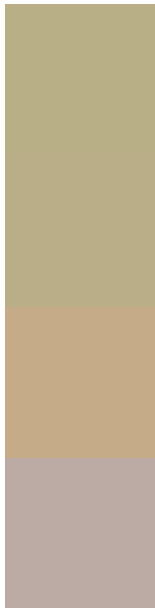
43.4198, 42.6488, 29.6105



Tritanopia

43.8667, 42.7005, 50.1860

Trichromacy



Original Color

39.4703, 42.5996, 29.0639

Protanomaly

39.5168, 42.3357, 29.0105

Deuteranomaly

42.0328, 42.7737, 29.3333

Tritanomaly

42.0935, 42.5338, 41.5886

Monochromacy



Original Color

39.4703, 42.5996, 29.0639

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

39.5255, 42.1224, 38.8481

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.4703, 42.5996, 29.0639 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(184, 175, 135)` looks like.

```
.text, #text, p{  
    color:rgb(184, 175, 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(184, 175, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 175, 135) }
```

Border

The CSS property to change the border of an element to XYZ 39.4703, 42.5996, 29.0639 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(184, 175, 135) }
```


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

```
.border{ border-color:rgb(184, 175, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 175, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 175, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 175, 135);  
box-shadow:4px 4px 4px 4px rgb(184, 175,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 39.4703, 42.5996, 29.0639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 175, 135) }
```

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

```
.background{ background-color: rgb(184,  
175, 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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