

Converting Colors

XYZ(39.5354, 41.7239, 29.4506)

Have a look what the booklet for
XYZ(39.5354, 41.7239, 29.4506)
contains.

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Color

**XYZ(39.5176, 41.7503,
29.6427)**

Conversions

Conversions Part 1

Format	Color
Hex	BAAC89
RGB	186, 172, 137
RGB Percent	73%, 67%, 54%
CMY	0.2706, 0.3255, 0.4627
CMYK	0.00, 0.08, 0.26, 0.27
HSL	43°, 26%, 63%
HSV	43°, 26%, 73%
XYZ	39.5176, 41.7503, 29.6427
YIQ	172.1960, 19.5790, -7.9170

Conversions

Conversions Part 2

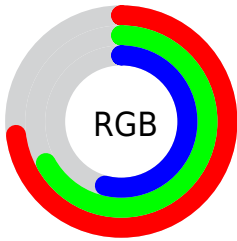
Format	Color
R _Y B	157, 186, 137
Decimal	12233865
CIE Lab	70.70, -0.52, 19.86
CIE LCh	71, 19.864, 91.495
Yxy	41.7503, 0.3563, 0.3764
Android (android.graphics.Color)	4290423945 (0xFFBAAC89)
YUV	172.1960, -17.3516, 12.1061
Hunter-Lab	64.6145, -3.9064, 18.0301

Details

The XYZ color **39.5176, 41.7503, 29.6427** is a light color, and the websafe version is hex **999966**. A complement of this color would be **30.2459, 30.9960, 50.8433**, and the grayscale version is **39.3910, 41.4424, 45.1308**.

A 20% lighter version of the original color is **73.8352, 77.7544, 60.4068**, and **17.9525, 19.0266, 11.7431** is the 20% darker color. If you saturate the color by 10%, you get **37.3061, 39.2814, 22.8807**, and if you desaturate by 10%, it is **42.0018, 44.3958, 37.6314**.

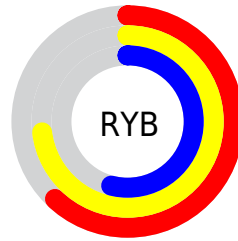
Distribution



Red (73%)

Green (67%)

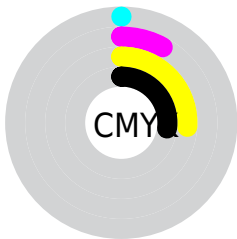
Blue (54%)



Red (62%)

Yellow (73%)

Blue (54%)

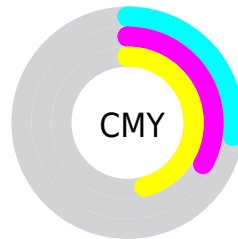


Cyan (0%)

Magenta (8%)

Yellow (26%)

Black (27%)



Cyan (27%)


Magenta (33%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.5176, 41.7503, 29.6427 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 39.5176, 41.7503, 29.6427 by changing the saturation by 10% instead.


 39.5176, 41.7503,
29.6427


 39.5176, 41.7503,
29.6427


335.2555,
353.4468, 314.3907


 27.3452, 28.9058,
19.3178


 73.7174, 77.8216,
60.1510

 17.9705, 19.0096,
11.7210


 96.4755, 101.8172,
81.1714

 11.0284, 11.6772,
6.4338

 123.4928,
130.2986, 106.5942

 6.1534, 6.5243,
3.0376

155.1347,
163.6502, 136.8377

 2.9801, 3.1664,
1.1139

191.7666,
202.2564, 172.3206

 1.1433, 1.2192,
0.0000

233.7538,

 0.0608, 0.0773,

246.5017, 213.4614

0.0000

281.4616,
296.7703, 260.6786

■ 0.0000, 0.0000,
0.0000

■ 39.5176, 41.7503,
29.6427

■ 39.5176, 41.7503,
29.6427

■ 37.3061, 39.2814,
22.8807

■ 42.0018, 44.3958,
37.6314

■ 35.3517, 36.9779,
17.2805

■ 44.7668, 47.2177,
46.9019

■ 33.6422, 34.8355,
12.7750

■ 47.8244, 50.2227,
57.5094

■ 32.1629, 32.8476,
9.2895

■ 51.1847, 53.4156,
69.5048

■ 30.8974, 31.0068,
6.7394

■ 54.8573, 56.8010,
82.9365

■ 29.8264, 29.3047,
5.0269

■ 58.8513, 60.3832,
97.8505

■ 28.9253, 27.7305,
4.0233

■ 61.1479, 63.3554,
103.6137

■ 28.6199, 27.1794,
3.7377

■ 62.4748, 66.0093,
104.0560

■ 63.8457, 68.7509,
104.5130

Harmonies

Analogous

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



42.7796, 41.7503, 31.3208



39.5176, 41.7503, 29.6427



36.4676, 41.7503, 31.6910

Triad

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



39.5176, 41.7503, 29.6427



34.5276, 41.7503, 55.5989



45.5069, 41.7503, 54.6679

Complementary

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



39.5176, 41.7503, 29.6427



30.2459, 30.9960, 50.8433

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.



43.0808, 41.7503, 62.7289



39.5176, 41.7503, 29.6427



36.7385, 41.7503, 63.3166

Square

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



39.5176, 41.7503, 29.6427



33.6869, 41.7503, 45.9333



39.8477, 41.7503, 66.0884



46.3502, 41.7503, 44.9880

Rectangle

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



39.5176, 41.7503, 29.6427



34.9337, 41.7503, 35.0839



39.8477, 41.7503, 66.0884



44.8431, 41.7503, 57.7010

Sweetspot

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



39.5187, 41.7522, 29.6436



80.2072, 84.6454, 81.8310



34.8387, 30.5881, 33.6455



17.4914, 18.4669, 17.4401



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.



39.5187, 41.7522, 29.6436



69.0923, 72.8713, 45.8926



40.0243, 46.1777, 30.4711



9.5276, 10.0581, 9.5462



19.3209, 18.4182, 2.5367



0.7311, 0.7492, 0.1061

Inverse Universe

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



30.2459, 30.9960, 50.8433



49.2688, 49.8827, 91.2330



29.8058, 27.6216, 50.2152



8.7245, 9.1262, 11.3811



6.8795, 4.2187, 31.7048



0.2972, 0.2580, 1.1359

Previews

White Background



This preview shows how the XYZ color 39.5176, 41.7503, 29.6427 looks on a white background.

Color Contrast Check

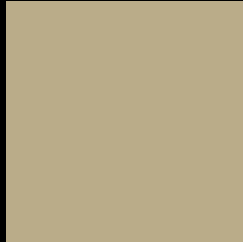
Large Text (above 18pt) WCAG AA × Fail

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 39.5176, 41.7503, 29.6427 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

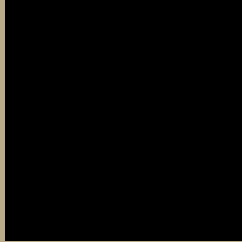
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.5176, 41.7503, 29.6427

Background



This preview shows how black text looks on a background with the XYZ color 39.5176, 41.7503, 29.6427.



This preview shows how white text looks on a background with the XYZ color 39.5176, 41.7503,

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

39.5176, 41.7503, 29.6427

Protanopia

39.2261, 41.8836, 29.6838

Deuteranopia

42.5808, 41.6640, 29.8425



Tritanopia

43.2588, 41.6035, 48.3981

Trichromacy



Original Color

39.5176, 41.7503, 29.6427

Protanomaly

39.4665, 42.0076, 29.6951

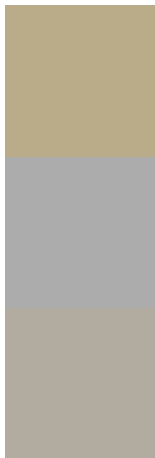
Deuteranomaly

41.3550, 41.5760, 29.8901

Tritanomaly

41.6897, 41.5044, 40.9358

Monochromacy



Original Color

39.5176, 41.7503, 29.6427

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

39.1420, 41.3554, 38.7203

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5176, 41.7503, 29.6427 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(186, 172, 137)` looks like.

```
.text, #text, p{  
    color:rgb(186, 172, 137)  
}
```

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(186, 172, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 172, 137) }
```

Border

The CSS property to change the border of an element to XYZ 39.5176, 41.7503, 29.6427 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(186, 172, 137) }
```


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

```
.border{ border-color:rgb(186, 172, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 172, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 172, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 172, 137);  
box-shadow:4px 4px 4px 4px rgb(186, 172,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5176, 41.7503, 29.6427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 172, 137) }
```

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

```
.background{ background-color: rgb(186,  
172, 137) }
```

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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