

Converting Colors

XYZ(42.3186, 39.5099, 46.4378)

Have a look what the booklet for
XYZ(42.3186, 39.5099, 46.4378)
contains.

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Color

**XYZ(42.3996, 39.6137,
46.4858)**

Conversions

Conversions Part 1

Format	Color
Hex	C1A0B0
RGB	193, 160, 176
RGB Percent	76%, 63%, 69%
CMY	0.2431, 0.3725, 0.3098
CMYK	0.00, 0.17, 0.09, 0.24
HSL	331°, 21%, 69%
HSV	331°, 17%, 76%
XYZ	42.3996, 39.6137, 46.4858
YIQ	171.6910, 14.5320, 11.9720

Conversions

Conversions Part 2

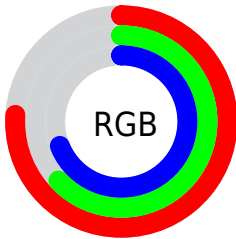
Format	Color
RYB	193, 160, 176
Decimal	12689584
CIELab	69.19, 14.83, -3.71
CIELCh	69, 15.286, 345.947
Yxy	39.6137, 0.3300, 0.3083
Android (android.graphics.Color)	4290879664 (0xFFC1A0B0)
YUV	171.6910, 2.1243, 18.6880
Hunter-Lab	62.9394, 10.1039, 0.2672

Details

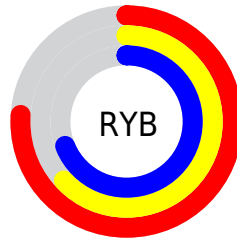
The XYZ color **42.3996, 39.6137, 46.4858** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.5046, 48.7889, 48.8270**, and the grayscale version is **39.0420, 41.0752, 44.7309**.

A 20% lighter version of the original color is **78.2903, 74.7511, 86.6460**, and **19.6481, 17.6693, 21.4437** is the 20% darker color. If you saturate the color by 10%, you get **38.3621, 33.0556, 40.4626**, and if you desaturate by 10%, it is **47.0308, 47.2429, 53.0635**.

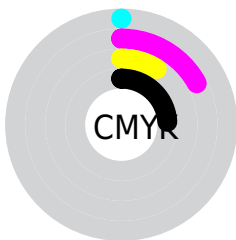
Distribution



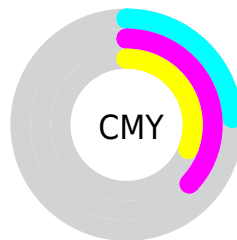
- Red (76%)
- Green (63%)
- Blue (69%)



- Red (76%)
- Yellow (63%)
- Blue (69%)



- Cyan (0%)
- Magenta (17%)
- Yellow (9%)
- Black (24%)





- Cyan (24%)
- Magenta (37%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.3996, 39.6137, 46.4858 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 42.3996, 39.6137, 46.4858 by changing the saturation by 10% instead.


 42.3996, 39.6137,
46.4858


 42.3996, 39.6137,
46.4858


347.1003,
344.4927, 389.0925

 29.6068, 27.2375,
32.2779


 78.0654, 74.5749,
86.2875

 19.6869, 17.7517,
21.3073


 101.6691, 97.9287,
112.7184

 12.2746, 10.7718,
13.1554


129.6072,
125.7104, 144.0607

 7.0045, 5.9136,
7.4036

162.2450,
158.3046, 180.7330

 3.5113, 2.7926,
3.6335

199.9478,
196.0955, 223.1538

 1.4295, 1.0245,
1.4265

243.0811,

 0.2771, 0.0000,

239.4675, 271.7416

0.1623

292.0101,
288.8051, 326.9150

■ 0.0000, 0.0000,
0.0000

■ 42.3996, 39.6137,
46.4858

■ 42.3996, 39.6137,
46.4858

■ 38.3621, 33.0556,
40.4626

■ 47.0308, 47.2429,
53.0635

■ 34.8896, 27.5150,
34.9752

■ 52.2762, 55.9833,
60.2084

■ 31.9558, 22.9415,
30.0076

■ 58.1594, 65.8792,
67.9359

■ 29.5309, 19.2782,
25.5419

■ 64.7017, 76.9710,
76.2601

■ 27.5823, 16.4624,
21.5585

■ 71.4414, 88.3331,
85.0338

■ 26.0730, 14.4231,
18.0366

■ 72.8438, 88.8941,
92.4187

■ 24.9603, 13.0776,
14.9527

■ 74.3266, 89.4872,
100.2270

■ 24.1856, 12.3121,
12.2778

■ 75.8025, 90.0776,
107.9992

■ 23.9935, 12.1379,
11.5661

Harmonies

Analogous

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



41.1331, 39.6137, 53.1899



42.3996, 39.6137, 46.4858



42.3561, 39.6137, 39.5376

Triad

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



42.3996, 39.6137, 46.4858



36.3745, 39.6137, 31.4370



34.4759, 39.6137, 53.5526

Complementary

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



42.3996, 39.6137, 46.4858



41.5046, 48.7889, 48.8270

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.



33.3091, 39.6137, 46.9392



42.3996, 39.6137, 46.4858



34.3724, 39.6137, 34.4304

Square

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



42.3996, 39.6137, 46.4858



38.8050, 39.6137, 31.3438



33.2721, 39.6137, 39.9446



36.5214, 39.6137, 57.5590

Rectangle

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



42.3996, 39.6137, 46.4858



41.5879, 39.6137, 35.7005



33.2721, 39.6137, 39.9446



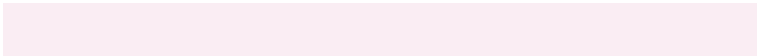
33.9719, 39.6137, 51.5305

Sweetspot

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



42.4007, 39.6155, 46.4866



86.0377, 87.6077, 97.5360



40.2158, 38.2824, 55.7222



18.3209, 18.5672, 20.7355



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



42.4007, 39.6155, 46.4866



72.7513, 65.7498, 78.5715



40.9097, 39.0191, 38.6351



10.2721, 10.1574, 11.5232



15.9984, 8.0891, 7.9038



0.7261, 0.3634, 0.5249

Inverse Universe

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



42.4007, 39.6155, 46.4866



72.7513, 65.7498, 78.5715



43.1940, 49.4647, 57.7236



10.2721, 10.1574, 11.5232



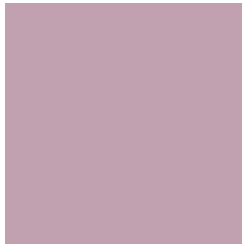
15.9984, 8.0891, 7.9038



0.7261, 0.3634, 0.5249

Previews

White Background



This preview shows how the XYZ color 42.3996, 39.6137, 46.4858 looks on a white background.

Color Contrast Check

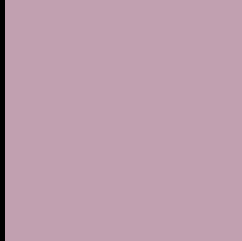
Large Text (above 18pt) WCAG AA × Fail

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 42.3996, 39.6137, 46.4858 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 42.3996, 39.6137, 46.4858

Background



This preview shows how black text looks on a background with the XYZ color 42.3996, 39.6137, 46.4858.



This preview shows how white text looks on a background with the XYZ color 42.3996, 39.6137,

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

42.3996, 39.6137, 46.4858

Protanopia

38.7053, 39.7765, 49.3537

Deuteranopia

40.5418, 39.7133, 46.0861



Tritanopia

42.1060, 39.4962, 44.9395

Trichromacy



Original Color

42.3996, 39.6137, 46.4858

Protanomaly

39.9519, 39.6299, 48.1915

Deuteranomaly

41.3286, 39.8543, 46.0718

Tritanomaly

42.2031, 39.5351, 45.4511

Monochromacy



Original Color

42.3996, 39.6137, 46.4858

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

40.3678, 40.7257, 45.2684

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.3996, 39.6137, 46.4858 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(193, 160, 176)` looks like.

```
.text, #text, p{  
    color:rgb(193, 160, 176)  
}
```

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(193, 160, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 160, 176) }
```

Border

The CSS property to change the border of an element to XYZ 42.3996, 39.6137, 46.4858 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(193, 160, 176) }
```


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

```
.border{ border-color:rgb(193, 160, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 160, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 160, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 160, 176);  
box-shadow:4px 4px 4px 4px rgb(193, 160,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 42.3996, 39.6137, 46.4858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 160, 176) }
```

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

```
.background{ background-color: rgb(193,  
160, 176) }
```

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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