

Converting Colors

XYZ(39.5495, 36.4633, 42.9222)

Have a look what the booklet for
XYZ(39.5495, 36.4633, 42.9222)
contains.

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Color

**XYZ(39.6332, 36.5036,
42.9872)**

Conversions

Conversions Part 1

Format	Color
Hex	BD99AA
RGB	189, 153, 170
RGB Percent	74%, 60%, 67%
CMY	0.2588, 0.4000, 0.3333
CMYK	0.00, 0.19, 0.10, 0.26
HSL	332°, 21%, 67%
HSV	332°, 19%, 74%
XYZ	39.6332, 36.5036, 42.9872
YIQ	165.7020, 15.9990, 12.9190

Conversions

Conversions Part 2

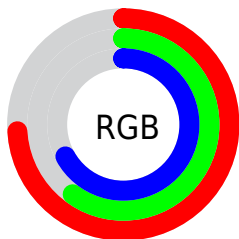
Format	Color
R _{YB}	189, 153, 170
Decimal	12425642
CIE Lab	66.90, 16.21, -3.78
CIE LCh	67, 16.641, 346.857
Yxy	36.5036, 0.3327, 0.3064
Android (android.graphics.Color)	4290615722 (0xFFBD99AA)
YUV	165.7020, 2.1189, 20.4323
Hunter-Lab	60.4182, 11.3608, 0.1083

Details

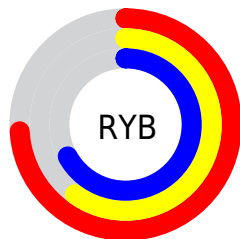
The XYZ color **39.6332, 36.5036, 42.9872** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.7823, 46.1470, 45.8952**, and the grayscale version is **36.0873, 37.9666, 41.3457**.

A 20% lighter version of the original color is **73.9095, 69.6547, 80.7834**, and **18.0131, 15.9616, 19.2711** is the 20% darker color. If you saturate the color by 10%, you get **35.8734, 30.4370, 37.2534**, and if you desaturate by 10%, it is **43.9567, 43.5821, 49.2631**.

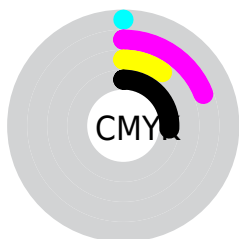
Distribution



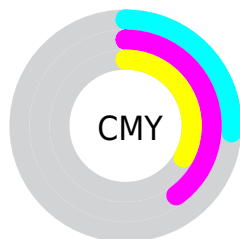
- Red (74%)
- Green (60%)
- Blue (67%)



- Red (74%)
- Yellow (60%)
- Blue (67%)



- Cyan (0%)
- Magenta (19%)
- Yellow (10%)
- Black (26%)





- Cyan (26%)
- Magenta (40%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.6332, 36.5036, 42.9872 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 39.6332, 36.5036, 42.9872 by changing the saturation by 10% instead.


 39.6332, 36.5036,
42.9872

 39.6332, 36.5036,
42.9872

335.7361,
331.1564, 374.4788

 27.4356, 24.8234,
29.5437


 73.8925, 69.8087,
80.9777

 18.0389, 15.9455,
19.2434

 96.6850, 92.2023,
106.3618

 11.0778, 9.4856,
11.6677


123.7398,
118.9358, 136.5632

 6.1869, 5.0593,
6.3981

155.4223,
150.3937, 172.0005

 3.0008, 2.2821,
3.0159

192.0978,
186.9603, 213.0921

 1.1542, 0.7642,
1.1028

234.1317,

 0.0697, 0.0000,

229.0200, 260.2567

0.0000

281.8894,
276.9572, 313.9128

■ 0.0000, 0.0000,
0.0000

■ 39.6332, 36.5036,
42.9872

■ 39.6332, 36.5036,
42.9872

■ 35.8734, 30.4370,
37.2534

■ 43.9567, 43.5821,
49.2631

■ 32.6495, 25.3307,
32.0433

■ 48.8638, 51.7111,
56.0941

■ 29.9362, 21.1359,
27.3410

■ 54.3773, 60.9333,
63.4954

■ 27.7045, 17.7977,
23.1284

■ 60.5176, 71.2876,
71.4810

■ 25.9226, 15.2551,
19.3861

■ 67.3044, 82.8108,
80.0643

■ 24.5544, 13.4389,
16.0931

■ 71.0093, 88.0441,
88.0093

■ 23.5577, 12.2678,
13.2258

■ 72.4498, 88.6203,
95.5950

■ 22.8597, 11.5996,
10.7501

■ 73.9718, 89.2291,
103.6097

■ 22.7998, 11.5442,
10.5309

■ 74.7965, 89.5589,
107.9521

Harmonies

Analogous

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



38.3539, 36.5036, 50.0151



39.6332, 36.5036, 42.9872



39.5444, 36.5036, 35.8550

Triad

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



39.6332, 36.5036, 42.9872



33.3089, 36.5036, 27.8857



31.4853, 36.5036, 50.7602

Complementary

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



39.6332, 36.5036, 42.9872



38.7823, 46.1470, 45.8952

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.



30.2602, 36.5036, 43.9092



39.6332, 36.5036, 42.9872



31.2776, 36.5036, 30.9889

Square

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



39.6332, 36.5036, 42.9872



35.8095, 36.5036, 27.7023



30.1861, 36.5036, 36.6724



33.6050, 36.5036, 54.8555

Rectangle

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



39.6332, 36.5036, 42.9872



38.7204, 36.5036, 31.9874



30.1861, 36.5036, 36.6724



30.9598, 36.5036, 48.6680

Sweetspot

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



39.6342, 36.5052, 42.9880



81.2074, 82.1497, 91.7334



37.5036, 35.1839, 52.9591



17.3439, 17.4687, 19.5591



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.



39.6342, 36.5052, 42.9880



67.9520, 60.4657, 72.4343



38.2271, 36.0999, 35.0922



9.7126, 9.6094, 10.8757



15.3783, 7.7825, 7.2857



0.6354, 0.3181, 0.4595

Inverse Universe

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



39.6342, 36.5052, 42.9880



67.9520, 60.4657, 72.4343



40.3921, 46.5849, 55.0074



9.7126, 9.6094, 10.8757



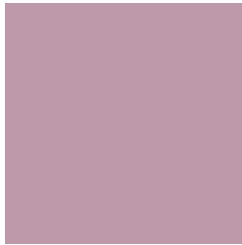
15.3783, 7.7825, 7.2857



0.6354, 0.3181, 0.4595

Previews

White Background



This preview shows how the XYZ color 39.6332, 36.5036, 42.9872 looks on a white background.

Color Contrast Check

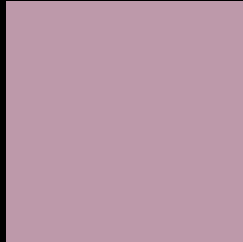
Large Text (above 18pt) WCAG AA × Fail

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 39.6332, 36.5036, 42.9872 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

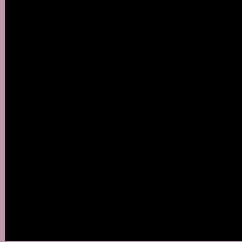
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.6332, 36.5036, 42.9872

Background



This preview shows how black text looks on a background with the XYZ color 39.6332, 36.5036, 42.9872.



This preview shows how white text looks on a background with the XYZ color 39.6332, 36.5036,

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

39.6332, 36.5036, 42.9872

Protanopia

35.5585, 36.6172, 45.7511

Deuteranopia

37.2928, 36.5484, 42.6251



Tritanopia

39.1776, 36.5557, 41.0675

Trichromacy



Original Color

39.6332, 36.5036, 42.9872

Protanomaly

36.9542, 36.5841, 44.6489

Deuteranomaly

38.1060, 36.4653, 42.5662

Tritanomaly

39.2697, 36.5926, 41.5526

Monochromacy



Original Color

39.6332, 36.5036, 42.9872

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

37.1755, 37.2784, 41.7953

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.6332, 36.5036, 42.9872 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(189, 153, 170)` looks like.

```
.text, #text, p{  
    color:rgb(189, 153, 170)  
}
```

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(189, 153, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 153, 170) }
```

Border

The CSS property to change the border of an element to XYZ 39.6332, 36.5036, 42.9872 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(189, 153, 170) }
```


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

```
.border{ border-color:rgb(189, 153, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 153, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 153, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 153, 170);  
box-shadow:4px 4px 4px 4px rgb(189, 153,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 39.6332, 36.5036, 42.9872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 153, 170) }
```

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

```
.background{ background-color: rgb(189,  
153, 170) }
```

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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