

Converting Colors

XYZ(36.2333, 32.0444, 39.3974)

Have a look what the booklet for
XYZ(36.2333, 32.0444, 39.3974)
contains.

XYZ(36.2333, 32.0444, 39.3974)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(36.2333, 32.0444,
39.3974)**

Conversions

Conversions Part 1

Format	Color
Hex	B98DA4
RGB	185, 141, 164
RGB Percent	73%, 55%, 64%
CMY	0.2745, 0.4470, 0.3569
CMYK	0.00, 0.24, 0.11, 0.27
HSL	329°, 24%, 64%
HSV	329°, 24%, 73%
XYZ	36.2333, 32.0444, 39.3974
YIQ	156.7780, 18.8410, 16.4810

Conversions

Conversions Part 2

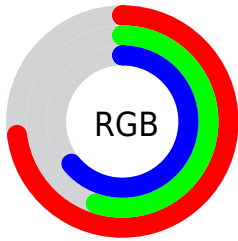
Format	Color
R_{YB}	185, 141, 164
Decimal	12160420
CIE Lab	63.38, 20.39, -5.66
CIE LCh	63, 21.160, 344.498
Yxy	32.0444, 0.3365, 0.2976
Android (android.graphics.Color)	4290350500 (0xFFB98DA4)
YUV	156.7780, 3.5604, 24.7507
Hunter-Lab	56.6078, 15.1900, -1.6387

Details

The XYZ color **36.2333, 32.0444, 39.3974** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **34.8564, 42.9702, 40.6414**, and the grayscale version is **31.9275, 33.5902, 36.5797**.

A 20% lighter version of the original color is **68.9192, 63.0219, 75.5498**, and **15.9409, 13.3075, 17.0577** is the 20% darker color. If you saturate the color by 10%, you get **32.9601, 26.7300, 34.5077**, and if you desaturate by 10%, it is **40.0194, 38.2952, 44.7320**.

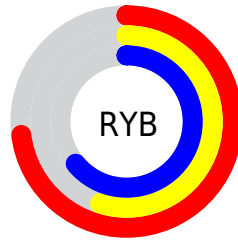
Distribution



Red (73%)

Green (55%)

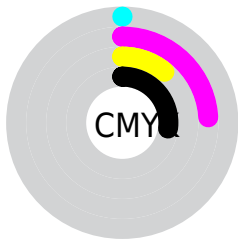
Blue (64%)



Red (73%)

Yellow (55%)

Blue (64%)

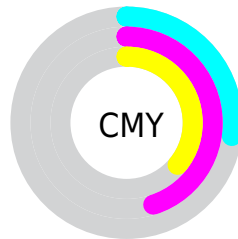


Cyan (0%)

Magenta (24%)

Yellow (11%)

Black (27%)



Cyan (27%)


Magenta (45%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.2333, 32.0444, 39.3974 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 36.2333, 32.0444, 39.3974 by changing the saturation by 10% instead.


 36.2333, 32.0444,
39.3974


 36.2333, 32.0444,
39.3974


321.3926,
311.3215, 359.0534


 24.7854, 21.3954,
26.7588


 68.7135, 62.8807,
75.4720

 16.0451, 13.4133,
17.1613


 90.4765, 83.8368,
99.7452

 9.6471, 7.7138,
10.1864


 116.4086,
108.9974, 128.7336

 5.2261, 3.9124,
5.4155

146.8751,
138.7468, 162.8558

 2.4166, 1.6247,
2.4301

182.2414,
173.4696, 202.5303

 0.8534, 0.3741,
0.8028

222.8729,

 0.0000, 0.0000,

213.5500, 248.1757

0.0000

269.1348,
259.3725, 300.2106

■ 36.2333, 32.0444,
39.3974

■ 36.2333, 32.0444,
39.3974

■ 32.9601, 26.7300,
34.5077

■ 40.0194, 38.2952,
44.7320

■ 30.1733, 22.3018,
30.0475

■ 44.3376, 45.5205,
50.5222

■ 27.8481, 18.7119,
26.0031

■ 49.2099, 53.7616,
56.7809

■ 25.9564, 15.9057,
22.3594

■ 54.6557, 63.0562,
63.5195

■ 24.4665, 13.8222,
19.0998

■ 60.6938, 73.4401,
70.7493

■ 23.3424, 12.3913,
16.2059

■ 67.3419, 84.9472,
78.4810

■ 22.5409, 11.5285,
13.6567

■ 69.4696, 87.3151,
85.0091

■ 22.1514, 11.1718,
12.2244

■ 70.7117, 87.8119,
91.5498

■ 72.0171, 88.3341,
98.4240

Harmonies

Analogous

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



34.5919, 32.0444, 47.7537



36.2333, 32.0444, 39.3974



36.2621, 32.0444, 30.9943

Triad

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



36.2333, 32.0444, 39.3974



29.0644, 32.0444, 21.4513



26.6019, 32.0444, 47.5069

Complementary

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



36.2333, 32.0444, 39.3974



34.8564, 42.9702, 40.6414

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.



25.3075, 32.0444, 39.1011



36.2333, 32.0444, 39.3974



26.6659, 32.0444, 24.5740

Square

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



36.2333, 32.0444, 39.3974



31.9926, 32.0444, 21.5044



25.3302, 32.0444, 30.7419



28.9718, 32.0444, 52.9240

Rectangle

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



36.2333, 32.0444, 39.3974



35.3556, 32.0444, 26.5043



25.3302, 32.0444, 30.7419



26.0336, 32.0444, 44.8827

Sweetspot

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



36.2342, 32.0458, 39.3981



76.7216, 77.0146, 86.9358



33.0888, 30.1868, 49.9820



16.4395, 16.4349, 18.6081



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.



36.2342, 32.0458, 39.3981



61.4472, 51.7740, 65.4794



34.4513, 31.3326, 30.0090



9.1954, 9.0885, 10.3763



15.1200, 7.6218, 8.5187



0.5641, 0.2811, 0.4639

Inverse Universe

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



36.2342, 32.0458, 39.3981



61.4472, 51.7740, 65.4794



36.9374, 43.8025, 51.5998



9.1954, 9.0885, 10.3763



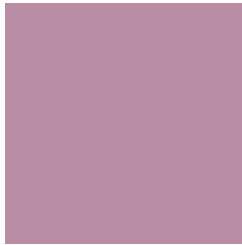
15.1200, 7.6218, 8.5187



0.5641, 0.2811, 0.4639

Previews

White Background



This preview shows how the XYZ color 36.2333, 32.0444, 39.3974 looks on a white background.

Color Contrast Check

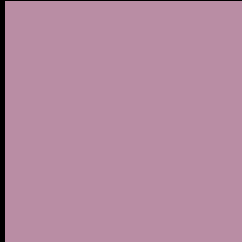
Large Text (above 18pt) WCAG AA × Fail

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 36.2333, 32.0444, 39.3974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

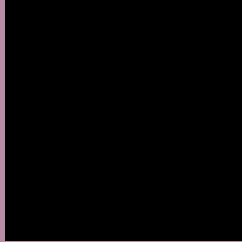
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.2333, 32.0444, 39.3974

Background



This preview shows how black text looks on a background with the XYZ color 36.2333, 32.0444, 39.3974.



This preview shows how white text looks on a background with the XYZ color 36.2333, 32.0444,

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

36.2333, 32.0444, 39.3974

Protanopia

31.5044, 32.3020, 43.1025

Deuteranopia

32.7861, 32.1029, 38.6509



Tritanopia

35.4224, 32.1684, 34.9140

Trichromacy



Original Color

36.2333, 32.0444, 39.3974

Protanomaly

32.9196, 32.1086, 41.5083

Deuteranomaly

33.9030, 31.9728, 39.0348

Tritanomaly

35.6117, 32.0050, 36.6484

Monochromacy



Original Color

36.2333, 32.0444, 39.3974

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

33.3481, 32.8868, 37.8479

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.2333, 32.0444, 39.3974 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(185, 141, 164)` looks like.

```
.text, #text, p{  
    color:rgb(185, 141, 164)  
}
```

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(185, 141, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 141, 164) }
```

Border

The CSS property to change the border of an element to XYZ 36.2333, 32.0444, 39.3974 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(185, 141, 164) }
```


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

```
.border{ border-color:rgb(185, 141, 164) }
```

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

Here you see how a box with a 4 pixel rgb(185, 141, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 141, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 141, 164);  
box-shadow:4px 4px 4px 4px rgb(185, 141,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 36.2333, 32.0444, 39.3974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 141, 164) }
```

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

```
.background{ background-color: rgb(185,  
141, 164) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor