

Converting Colors

XYZ(39.0130, 36.4027, 44.2478)

Have a look what the booklet for
XYZ(39.0130, 36.4027, 44.2478)
contains.

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Color

**XYZ(39.0096, 36.4040,
44.0004)**

Conversions

Conversions Part 1

Format	Color
Hex	B99AAC
RGB	185, 154, 172
RGB Percent	73%, 60%, 67%
CMY	0.2745, 0.3961, 0.3255
CMYK	0.00, 0.17, 0.07, 0.27
HSL	325°, 18%, 66%
HSV	325°, 17%, 73%
XYZ	39.0096, 36.4040, 44.0004
YIQ	165.3210, 12.6980, 12.1700

Conversions

Conversions Part 2

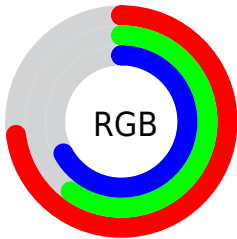
Format	Color
RYB	185, 154, 172
Decimal	12163756
CIELab	66.83, 14.56, -5.06
CIELCh	67, 15.415, 340.845
Yxy	36.4040, 0.3267, 0.3049
Android (android.graphics.Color)	4290353836 (0xFFB99AAC)
YUV	165.3210, 3.2927, 17.2585
Hunter-Lab	60.3357, 9.8203, -1.0028

Details

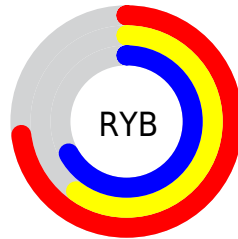
The XYZ color **39.0096, 36.4040, 44.0004** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.6519, 44.3590, 43.1390**, and the grayscale version is **35.8995, 37.7691, 41.1305**.

A 20% lighter version of the original color is **72.6966, 69.3586, 82.2291**, and **17.7561, 15.9621, 19.9144** is the 20% darker color. If you saturate the color by 10%, you get **35.4651, 30.4725, 39.2493**, and if you desaturate by 10%, it is **43.0703, 43.2973, 49.1391**.

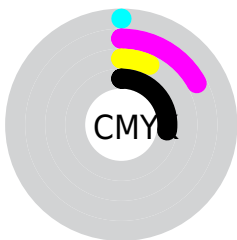
Distribution



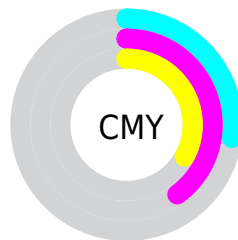
- Red (73%)
- Green (60%)
- Blue (67%)



- Red (73%)
- Yellow (60%)
- Blue (67%)



- Cyan (0%)
- Magenta (17%)
- Yellow (7%)
- Black (27%)



- Cyan (27%)
- Magenta (40%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.0096, 36.4040, 44.0004 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 39.0096, 36.4040, 44.0004 by changing the saturation by 10% instead.

■ 39.0096, 36.4040,
44.0004

■ 39.0096, 36.4040,
44.0004

333.1378,
330.7229, 378.7513

■ 26.9480, 24.7464,
30.3336

■ 72.9470, 69.6552,
82.5208

■ 17.6705, 15.8882,
19.8378

■ 95.5534, 92.0175,
108.2116

■ 10.8120, 9.4451,
12.0943

122.4054,
118.7169, 138.7474

■ 6.0069, 5.0326,
6.6846

153.8685,
150.1377, 174.5468

■ 2.8900, 2.2664,
3.1902

190.3079,
186.6643, 216.0283

■ 1.0958, 0.7558,
1.1926

232.0890,

■ 0.0216, 0.0000,

228.6811, 263.6106

0.0000

279.5772,
276.5725, 317.7121

■ 0.0000, 0.0000,
0.0000

■ 39.0096, 36.4040,
44.0004

■ 39.0096, 36.4040,
44.0004

■ 35.4651, 30.4725,
39.2493

■ 43.0703, 43.2973,
49.1391

■ 32.4114, 25.4546,
34.8724

■ 47.6649, 51.1881,
54.6736

■ 29.8257, 21.3055,
30.8589

■ 52.8141, 60.1160,
60.6146

■ 27.6819, 17.9744,
27.1962

■ 58.5364, 70.1173,
66.9717

■ 25.9515, 15.4051,
23.8709

■ 64.8496, 81.2264,
73.7541

■ 24.6022, 13.5346,
20.8681

■ 68.4955, 86.9255,
79.8790

■ 23.5965, 12.2893,
18.1711

■ 69.5384, 87.3426,
85.3710

■ 22.8837, 11.5690,
15.7588

■ 70.6296, 87.7791,
91.1169

■ 22.6834, 11.3847,
15.0258

■ 71.7695, 88.2351,
97.1200

Harmonies

Analogous

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



37.6156, 36.4040, 50.1621



39.0096, 36.4040, 44.0004



39.1920, 36.4040, 37.2715

Triad

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



39.0096, 36.4040, 44.0004



33.7645, 36.4040, 28.3206



31.3200, 36.4040, 48.6390

Complementary

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



39.0096, 36.4040, 44.0004



37.6519, 44.3590, 43.1390

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.



30.3832, 36.4040, 42.1022



39.0096, 36.4040, 44.0004



31.7517, 36.4040, 30.6992

Square

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



39.0096, 36.4040, 44.0004



36.0924, 36.4040, 28.7071



30.5376, 36.4040, 35.5735



33.1510, 36.4040, 53.0410

Rectangle

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



39.0096, 36.4040, 44.0004



38.5932, 36.4040, 33.4143



30.5376, 36.4040, 35.5735



30.8939, 36.4040, 46.5897

Sweetspot

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



39.0107, 36.4056, 44.0012



78.4467, 79.7822, 89.6151



36.2327, 34.8221, 50.7113



16.7932, 16.9971, 19.1742



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.



39.0107, 36.4056, 44.0012



67.4949, 61.2126, 75.6865



37.6148, 35.8473, 36.6505



9.2173, 9.0973, 10.4918



15.4822, 7.7666, 10.4259



0.5759, 0.2859, 0.5263

Inverse Universe

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



39.0107, 36.4056, 44.0012



67.4949, 61.2126, 75.6865



39.1632, 44.9636, 51.0976



9.2173, 9.0973, 10.4918



15.4822, 7.7666, 10.4259



0.5759, 0.2859, 0.5263

Previews

White Background



This preview shows how the XYZ color 39.0096, 36.4040, 44.0004 looks on a white background.

Color Contrast Check

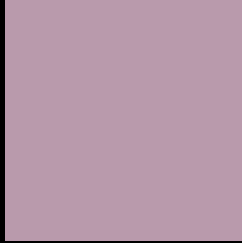
Large Text (above 18pt) WCAG AA × Fail

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 39.0096, 36.4040, 44.0004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

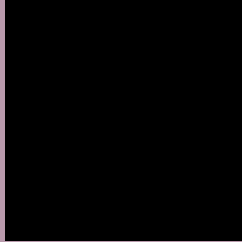
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.0096, 36.4040, 44.0004

Background



This preview shows how black text looks on a background with the XYZ color 39.0096, 36.4040, 44.0004.



This preview shows how white text looks on a background with the XYZ color 39.0096, 36.4040,

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

39.0096, 36.4040, 44.0004

Protanopia

35.7564, 36.6964, 46.7935

Deuteranopia

37.2567, 36.5080, 43.6112



Tritanopia

38.4636, 36.4231, 41.5623

Trichromacy



Original Color

39.0096, 36.4040, 44.0004

Protanomaly

36.7136, 36.4375, 45.6556

Deuteranomaly

37.9981, 36.6379, 43.5972

Tritanomaly

38.6499, 36.4976, 42.5438

Monochromacy



Original Color

39.0096, 36.4040, 44.0004

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

36.8260, 37.0875, 42.2635

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.0096, 36.4040, 44.0004 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, 154, 172)` looks like.

```
.text, #text, p{  
    color:rgb(185, 154, 172)  
}
```

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, 154, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 154, 172) }
```

Border

The CSS property to change the border of an element to XYZ 39.0096, 36.4040, 44.0004 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, 154, 172) }
```


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

```
.border{ border-color:rgb(185, 154, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 154, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 154, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 154, 172);  
box-shadow:4px 4px 4px 4px rgb(185, 154,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 39.0096, 36.4040, 44.0004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 154, 172) }
```

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

```
.background{ background-color: rgb(185,  
154, 172) }
```

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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