

Converting Colors

XYZ(43.3970, 39.6734, 43.8985)

Have a look what the booklet for
XYZ(43.3970, 39.6734, 43.8985)
contains.

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Color

**XYZ(43.3970, 39.6734,
43.8985)**

Conversions

Conversions Part 1

Format	Color
Hex	C89EAB
RGB	200, 158, 171
RGB Percent	78%, 62%, 67%
CMY	0.2157, 0.3804, 0.3294
CMYK	0.00, 0.21, 0.14, 0.22
HSL	341°, 28%, 70%
HSV	341°, 21%, 78%
XYZ	43.3970, 39.6734, 43.8985
YIQ	172.0400, 20.8590, 12.9470

Conversions

Conversions Part 2

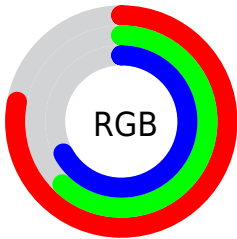
Format	Color
R _Y B	200, 158, 171
Decimal	13147819
CIE Lab	69.24, 17.62, -0.79
CIE LCh	69, 17.635, 357.430
Yxy	39.6734, 0.3418, 0.3125
Android (android.graphics.Color)	4291337899 (0xFFC89EAB)
YUV	172.0400, -0.5127, 24.5209
Hunter-Lab	62.9868, 12.7569, 2.7688

Details

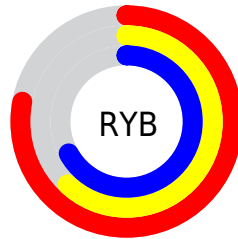
The XYZ color **43.3970, 39.6734, 43.8985** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.7261, 52.1666, 54.7809**, and the grayscale version is **39.2290, 41.2720, 44.9452**.

A 20% lighter version of the original color is **78.7617, 74.3395, 82.1493**, and **20.3379, 17.7510, 19.8071** is the 20% darker color. If you saturate the color by 10%, you get **39.0109, 32.8986, 36.2775**, and if you desaturate by 10%, it is **48.4781, 47.6171, 52.4308**.

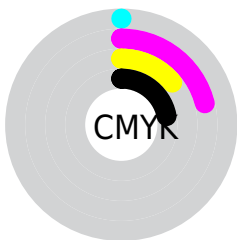
Distribution



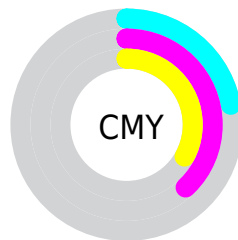
- Red (78%)
- Green (62%)
- Blue (67%)



- Red (78%)
- Yellow (62%)
- Blue (67%)



- Cyan (0%)
- Magenta (21%)
- Yellow (14%)
- Black (22%)





- Cyan (22%)
- Magenta (38%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.3970, 39.6734, 43.8985 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 43.3970, 39.6734, 43.8985 by changing the saturation by 10% instead.


 43.3970, 39.6734,
43.8985


 43.3970, 39.6734,
43.8985


351.1358,
344.7451, 378.3231

 30.3926, 27.2840,
30.2541


 79.5616, 74.6659,
82.3658

 20.2863, 17.7866,
19.7779

 103.4525, 98.0378,
108.0259

 12.7128, 10.7969,
12.0512


131.7029,
125.8393, 138.5282

 7.3067, 5.9304,
6.6556

164.6783,
158.4549, 174.2913

 3.7027, 2.8028,
3.1725

202.7439,
196.2688, 215.7339

 1.5353, 1.0297,
1.1834

246.2651,

 0.3497, 0.0000,

239.6656, 263.2743

0.0000

295.6073,
289.0295, 317.3312

■ 0.0000, 0.0000,
0.0000

■ 43.3970, 39.6734,
43.8985

■ 43.3970, 39.6734,
43.8985

■ 39.0109, 32.8986,
36.2775

■ 48.4781, 47.6171,
52.4308

■ 35.2854, 27.2322,
29.5341

■ 54.2799, 56.7760,
61.9014

■ 32.1881, 22.6159,
23.6363

■ 60.8308, 67.2003,
72.3393

■ 29.6827, 18.9842,
18.5490

■ 68.1567, 78.9360,
83.7714

■ 27.7286, 16.2643,
14.2344

■ 75.3160, 90.0940,
95.9014

■ 26.2800, 14.3728,
10.6512

■ 77.4476, 90.9467,
107.1261

■ 25.2830, 13.2110,
7.7536

■ 77.6296, 91.0195,
108.0847

■ 24.6862, 12.6261,
5.6779

Harmonies

Analogous

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



42.4719, 39.6734, 52.1212



43.3970, 39.6734, 43.8985



42.7360, 39.6734, 36.4226

Triad

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



43.3970, 39.6734, 43.8985



35.2619, 39.6734, 30.8131



34.8603, 39.6734, 57.6726

Complementary

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



43.3970, 39.6734, 43.8985



43.7261, 52.1666, 54.7809

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.



33.0914, 39.6734, 50.7646



43.3970, 39.6734, 43.8985



33.3151, 39.6734, 35.3555

Square

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



43.3970, 39.6734, 43.8985



37.9523, 39.6734, 29.4505



32.5400, 39.6734, 42.5042



37.4655, 39.6734, 60.6692

Rectangle

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



43.3970, 39.6734, 43.8985



41.5021, 39.6734, 32.7275



32.5400, 39.6734, 42.5042



34.1532, 39.6734, 55.6918

Sweetspot

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



43.3981, 39.6752, 43.8993



88.7071, 89.9618, 98.6235



43.0738, 39.1528, 59.9311



18.8453, 19.0320, 20.8780



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



43.3981, 39.6752, 43.8993



71.6805, 63.3328, 70.0601



43.5741, 41.9133, 38.1434



10.7668, 10.6901, 11.7552



15.7319, 8.0423, 3.7981



0.7778, 0.3940, 0.3531

Inverse Universe

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



43.3981, 39.6752, 43.8993



71.6805, 63.3328, 70.0601



43.4429, 49.2716, 61.8648



10.7668, 10.6901, 11.7552



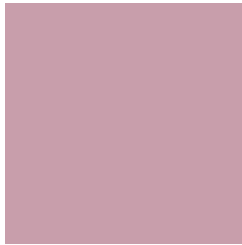
15.7319, 8.0423, 3.7981



0.7778, 0.3940, 0.3531

Previews

White Background



This preview shows how the XYZ color 43.3970, 39.6734, 43.8985 looks on a white background.

Color Contrast Check

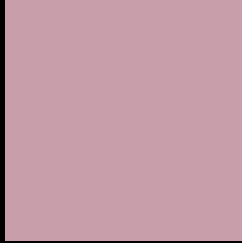
Large Text (above 18pt) WCAG AA × Fail

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 43.3970, 39.6734, 43.8985 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 43.3970, 39.6734, 43.8985

Background



This preview shows how black text looks on a background with the XYZ color 43.3970, 39.6734, 43.8985.



This preview shows how white text looks on a background with the XYZ color 43.3970, 39.6734,

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

43.3970, 39.6734, 43.8985

Protanopia

38.5160, 39.7256, 47.2328

Deuteranopia

40.5387, 39.7675, 43.5695



Tritanopia

43.3020, 39.6354, 43.3983

Trichromacy



Original Color

43.3970, 39.6734, 43.8985

Protanomaly

40.0694, 39.4698, 46.0640

Deuteranomaly

41.4112, 39.6901, 43.5086

Tritanomaly

43.3020, 39.6354, 43.3983

Monochromacy



Original Color

43.3970, 39.6734, 43.8985

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

40.5565, 40.5611, 44.7212

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3970, 39.6734, 43.8985 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(200, 158, 171)` looks like.

```
.text, #text, p{  
    color:rgb(200, 158, 171)  
}
```

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(200, 158, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 158, 171) }
```

Border

The CSS property to change the border of an element to XYZ 43.3970, 39.6734, 43.8985 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(200, 158, 171) }
```


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

```
.border{ border-color:rgb(200, 158, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 158, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 158, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 158, 171);  
box-shadow:4px 4px 4px 4px rgb(200, 158,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3970, 39.6734, 43.8985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 158, 171) }
```

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

```
.background{ background-color: rgb(200,  
158, 171) }
```

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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