

Converting Colors

XYZ(39.8894, 32.2992, 35.4553)

Have a look what the booklet for
XYZ(39.8894, 32.2992, 35.4553)
contains.

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Color

**XYZ(39.8419, 32.2972,
35.5866)**

Conversions

Conversions Part 1

Format	Color
Hex	CE859C
RGB	206, 133, 156
RGB Percent	81%, 52%, 61%
CMY	0.1922, 0.4784, 0.3882
CMYK	0.00, 0.35, 0.24, 0.19
HSL	341°, 43%, 66%
HSV	341°, 35%, 81%
XYZ	39.8419, 32.2972, 35.5866
YIQ	157.4490, 36.1250, 22.6290

Conversions

Conversions Part 2

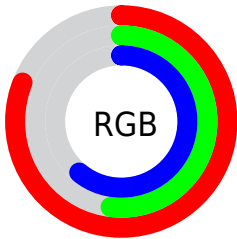
Format	Color
R _Y B	206, 133, 156
Decimal	13534620
CIE Lab	63.59, 31.15, -0.54
CIE LCh	64, 31.154, 358.998
Yxy	32.2972, 0.3698, 0.2998
Android (android.graphics.Color)	4291724700 (0xFFCE859C)
YUV	157.4490, -0.7144, 42.5792
Hunter-Lab	56.8306, 25.6863, 2.6548

Details

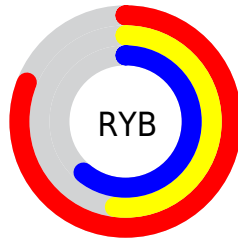
The XYZ color **39.8419, 32.2972, 35.5866** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.2929, 52.5489, 52.8217**, and the grayscale version is **32.2427, 33.9218, 36.9408**.

A 20% lighter version of the original color is **70.6432, 61.4538, 69.1112**, and **18.1448, 13.5385, 15.0215** is the 20% darker color. If you saturate the color by 10%, you get **36.1670, 26.7496, 28.8051**, and if you desaturate by 10%, it is **44.2105, 39.0095, 43.2849**.

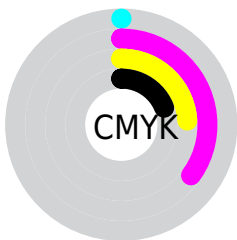
Distribution



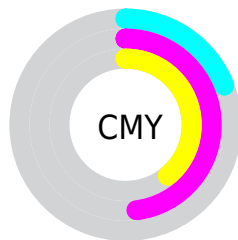
- Red (81%)
- Green (52%)
- Blue (61%)



- Red (81%)
- Yellow (52%)
- Blue (61%)



- Cyan (0%)
- Magenta (35%)
- Yellow (24%)
- Black (19%)





- Cyan (19%)
- Magenta (48%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.8419, 32.2972, 35.5866 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 39.8419, 32.2972, 35.5866 by changing the saturation by 10% instead.


 39.8419, 32.2972,
35.5866


 39.8419, 32.2972,
35.5866


336.6026,
312.4709, 342.1326


 27.5990, 21.5886,
23.8279

 74.2086, 63.2767,
69.5554

 18.1625, 13.5549,
14.9950


 97.0630, 84.3164,
92.6025

 11.1671, 7.8118,
8.6693


 124.1853,
109.5686, 120.2496

 6.2475, 3.9747,
4.4323

155.9409,
139.4177, 152.9151

 3.0382, 1.6594,
1.8653

192.6951,
174.2481, 191.0177

 1.1740, 0.3972,
0.4706

234.8132,

 0.0857, 0.0000,

214.4442, 234.9757

0.0000

282.6606,
260.3903, 285.2079

■ 0.0000, 0.0000,
0.0000

■ 39.8419, 32.2972,
35.5866

■ 39.8419, 32.2972,
35.5866

■ 36.1670, 26.7496,
28.8051

■ 44.2105, 39.0095,
43.2849

■ 33.1458, 22.2952,
22.9027

■ 49.3045, 46.9434,
51.9318

■ 30.7385, 18.8619,
17.8418


■ 55.1567, 56.1575,
61.5596


■ 28.8993, 16.3668,
13.5810


■ 61.7971, 66.7054,
72.1989

■ 27.5757, 14.7137,
10.0747

■ 69.2543, 78.6374,
83.8785

 26.7040, 13.7853,
7.2717

 77.0407, 90.9726,
96.4548

 26.4048, 13.5023,
6.1998

 79.2273, 91.8473,
107.9696

 79.2637, 91.8619,
108.1612

Harmonies

Analogous

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



38.4387, 32.2972, 49.0020



39.8419, 32.2972, 35.5866



38.6088, 32.2972, 24.7857

Triad

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



39.8419, 32.2972, 35.5866



26.8190, 32.2972, 18.1015



26.5882, 32.2972, 59.9513

Complementary

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



39.8419, 32.2972, 35.5866



40.2929, 52.5489, 52.8217

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.



23.9482, 32.2972, 48.1026



39.8419, 32.2972, 35.5866



24.0724, 32.2972, 24.2157

Square

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



39.8419, 32.2972, 35.5866



30.8440, 32.2972, 16.2427



23.0717, 32.2972, 34.7490



30.5515, 32.2972, 64.9623

Rectangle

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



39.8419, 32.2972, 35.5866



36.5180, 32.2972, 20.0101



23.0717, 32.2972, 34.7490



25.5309, 32.2972, 56.5167

Sweetspot

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



39.8428, 32.2987, 35.5872



83.8047, 82.2146, 90.6464



39.0301, 31.2860, 62.3745



17.6642, 17.1674, 18.9504



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.



39.8428, 32.2987, 35.5872



59.6463, 44.9089, 48.6474



40.0265, 35.4930, 26.9335



11.3555, 11.2709, 12.4067



16.2982, 8.3299, 4.0232



0.8752, 0.4435, 0.3889

Inverse Universe

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



39.8428, 32.2987, 35.5872



59.6463, 44.9089, 48.6474



39.8000, 47.4145, 65.4470



11.3555, 11.2709, 12.4067



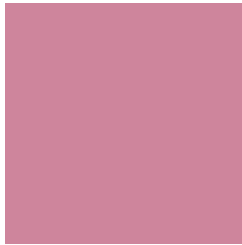
16.2982, 8.3299, 4.0232



0.8752, 0.4435, 0.3889

Previews

White Background



This preview shows how the XYZ color 39.8419, 32.2972, 35.5866 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 39.8419, 32.2972, 35.5866 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

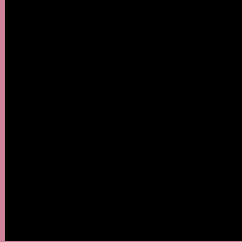
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.8419, 32.2972, 35.5866

Background



This preview shows how black text looks on a background with the XYZ color 39.8419, 32.2972, 35.5866.



This preview shows how white text looks on a background with the XYZ color 39.8419, 32.2972,

35.5866.

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

39.8419, 32.2972, 35.5866

Protanopia

31.5960, 32.3819, 41.6308

Deuteranopia

33.0748, 32.3408, 34.6362



Tritanopia

38.9516, 32.3514, 30.9795

Trichromacy



Original Color

39.8419, 32.2972, 35.5866

Protanomaly

33.9930, 32.0088, 39.5086

Deuteranomaly

35.1836, 32.0453, 34.9028

Tritanomaly

39.1268, 32.1993, 32.5866

Monochromacy



Original Color

39.8419, 32.2972, 35.5866

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

34.3549, 32.7281, 36.4047

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.8419, 32.2972, 35.5866 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(206, 133, 156)` looks like.

```
.text, #text, p{  
    color:rgb(206, 133, 156)  
}
```

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(206, 133, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 133, 156) }
```

Border

The CSS property to change the border of an element to XYZ 39.8419, 32.2972, 35.5866 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(206, 133, 156) }
```


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

```
.border{ border-color:rgb(206, 133, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 133, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 133, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 133, 156);  
box-shadow:4px 4px 4px 4px rgb(206, 133,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 39.8419, 32.2972, 35.5866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 133, 156) }
```

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

```
.background{ background-color: rgb(206,  
133, 156) }
```

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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