

Converting Colors

XYZ(43.0620, 39.6190, 43.7695)

Have a look what the booklet for
XYZ(43.0620, 39.6190, 43.7695)
contains.

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Color

**XYZ(43.1307, 39.5361,
43.8861)**

Conversions

Conversions Part 1

Format	Color
Hex	C79EAB
RGB	199, 158, 171
RGB Percent	78%, 62%, 67%
CMY	0.2196, 0.3804, 0.3294
CMYK	0.00, 0.21, 0.14, 0.22
HSL	341°, 27%, 70%
HSV	341°, 21%, 78%
XYZ	43.1307, 39.5361, 43.8861
YIQ	171.7410, 20.2630, 12.7350

Conversions

Conversions Part 2

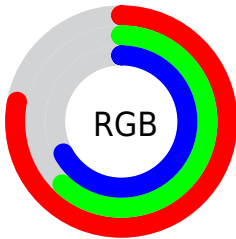
Format	Color
RYB	199, 158, 171
Decimal	13082283
CIELab	69.14, 17.25, -0.95
CIElCh	69, 17.278, 356.860
Yxy	39.5361, 0.3408, 0.3124
Android (android.graphics.Color)	4291272363 (0xFFC79EAB)
YUV	171.7410, -0.3653, 23.9061
Hunter-Lab	62.8777, 12.4052, 2.6324

Details

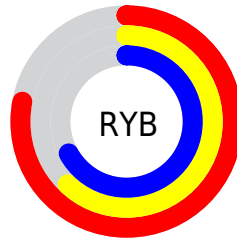
The XYZ color **43.1307, 39.5361, 43.8861** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.3884, 51.6621, 54.1417**, and the grayscale version is **39.0773, 41.1124, 44.7714**.

A 20% lighter version of the original color is **78.7617, 74.3395, 82.1493**, and **20.1609, 17.6597, 19.7988** is the 20% darker color. If you saturate the color by 10%, you get **38.7777, 32.7976, 36.3688**, and if you desaturate by 10%, it is **48.1688, 47.4307, 52.2900**.

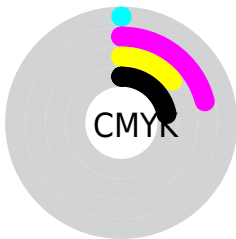
Distribution



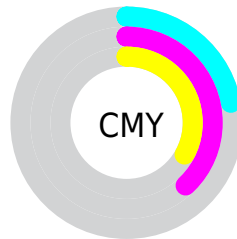
- Red (78%)
- Green (62%)
- Blue (67%)



- 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 43.1307, 39.5361, 43.8861 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 43.1307, 39.5361, 43.8861 by changing the saturation by 10% instead.


 43.1307, 39.5361,
43.8861


 43.1307, 39.5361,
43.8861


350.0614,
344.1644, 378.2710

 30.1826, 27.1770,
30.2444


 79.1625, 74.4566,
82.3470

 20.1260, 17.7062,
19.7706


 102.9770, 97.7868,
108.0033

 12.5955, 10.7393,
12.0460

131.1444,
125.5428, 138.5015

 7.2257, 5.8918,
6.6521


164.0299,
158.1091, 174.2603

 3.6512, 2.7794,
3.1703

201.9991,
195.8700, 215.6980

 1.5068, 1.0177,
1.1823

245.4171,

 0.3304, 0.0000,

239.2099, 263.2334

0.0000

294.6494,
288.5133, 317.2849

■ 0.0000, 0.0000,
0.0000

■ 43.1307, 39.5361,
43.8861

■ 43.1307, 39.5361,
43.8861

■ 38.7777, 32.7976,
36.3688

■ 48.1688, 47.4307,
52.2900

■ 35.0761, 27.1554,
29.7056

■ 53.9171, 56.5270,
61.6065

■ 31.9941, 22.5525,
23.8658

■ 60.4037, 66.8743,
71.8633

■ 29.4961, 18.9244,
18.8156

■ 67.6537, 78.5178,
83.0865

■ 27.5423, 16.1996,
14.5187

■ 74.8872, 89.8917,
95.0329

■ 26.0882, 14.2963,
10.9356

■ 76.9713, 90.7254,
106.0078

■ 25.0809, 13.1179,
8.0223

■ 77.3633, 90.8822,
108.0723

■ 24.4530, 12.5020,
5.8396

Harmonies

Analogous

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



42.1998, 39.5361, 51.9044



43.1307, 39.5361, 43.8861



42.5146, 39.5361, 36.5389

Triad

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



43.1307, 39.5361, 43.8861



35.2304, 39.5361, 30.8613



34.7503, 39.5361, 57.0721

Complementary

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



43.1307, 39.5361, 43.8861



43.3884, 51.6621, 54.1417

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.



33.0389, 39.5361, 50.2878



43.1307, 39.5361, 43.8861



33.3064, 39.5361, 35.2612

Square

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



43.1307, 39.5361, 43.8861



37.8694, 39.5361, 29.5839



32.5234, 39.5361, 42.2208



37.2879, 39.5361, 60.0800

Rectangle

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



43.1307, 39.5361, 43.8861



41.3253, 39.5361, 32.8816



32.5234, 39.5361, 42.2208



34.0641, 39.5361, 55.1200

Sweetspot

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



43.1318, 39.5379, 43.8869



88.7247, 89.9688, 98.7162



42.6251, 38.9350, 59.3018



18.8495, 19.0336, 20.8998



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.



43.1318, 39.5379, 43.8869



71.7410, 63.3570, 70.3786



43.1511, 41.4626, 38.0787



10.7701, 10.6914, 11.7726



15.7592, 8.0532, 3.9417



0.7794, 0.3946, 0.3614

Inverse Universe

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



43.1318, 39.5379, 43.8869



71.7410, 63.3570, 70.3786



43.2969, 49.1662, 61.2412



10.7701, 10.6914, 11.7726



15.7592, 8.0532, 3.9417



0.7794, 0.3946, 0.3614

Previews

White Background



This preview shows how the XYZ color 43.1307, 39.5361, 43.8861 looks on a white background.

Color Contrast Check

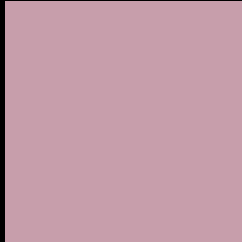
Large Text (above 18pt) WCAG AA × Fail

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 43.1307, 39.5361, 43.8861 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

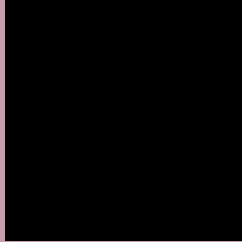
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.1307, 39.5361, 43.8861

Background



This preview shows how black text looks on a background with the XYZ color 43.1307, 39.5361, 43.8861.



This preview shows how white text looks on a background with the XYZ color 43.1307, 39.5361,

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

43.1307, 39.5361, 43.8861

Protanopia

38.5160, 39.7256, 47.2328

Deuteranopia

40.5387, 39.7675, 43.5695



Tritanopia

43.0357, 39.4981, 43.3859

Trichromacy



Original Color

43.1307, 39.5361, 43.8861

Protanomaly

40.0694, 39.4698, 46.0640

Deuteranomaly

41.4112, 39.6901, 43.5086

Tritanomaly

43.0357, 39.4981, 43.3859

Monochromacy



Original Color

43.1307, 39.5361, 43.8861

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 43.1307, 39.5361, 43.8861 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(199, 158, 171)` looks like.

```
.text, #text, p{  
    color:rgb(199, 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(199, 158, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 158, 171) }
```

Border

The CSS property to change the border of an element to XYZ 43.1307, 39.5361, 43.8861 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(199, 158, 171) }
```


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

```
.border{ border-color:rgb(199, 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(199, 158, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 158, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 158, 171);  
box-shadow:4px 4px 4px 4px rgb(199, 158,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1307, 39.5361, 43.8861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 158, 171) }
```

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

```
.background{ background-color: rgb(199,  
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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