

Converting Colors

XYZ(44.8785, 44.1207, 41.7485)

Have a look what the booklet for
XYZ(44.8785, 44.1207, 41.7485)
contains.

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Color

**XYZ(45.0972, 44.3638,
41.7835)**

Conversions

Conversions Part 1

Format	Color
Hex	C7ACA5
RGB	199, 172, 165
RGB Percent	78%, 67%, 65%
CMY	0.2196, 0.3255, 0.3529
CMYK	0.00, 0.14, 0.17, 0.22
HSL	12°, 23%, 71%
HSV	12°, 17%, 78%
XYZ	45.0972, 44.3638, 41.7835
YIQ	179.2750, 18.3390, 3.5470

Conversions

Conversions Part 2

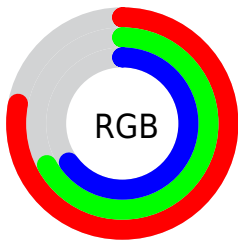
Format	Color
R _Y B	199, 174, 165
Decimal	13085861
CIE Lab	72.47, 8.64, 7.20
CIE LCh	72, 11.244, 39.807
Yxy	44.3638, 0.3436, 0.3380
Android (android.graphics.Color)	4291275941 (0xFFC7ACA5)
YUV	179.2750, -7.0376, 17.2988
Hunter-Lab	66.6062, 4.2967, 9.4304

Details

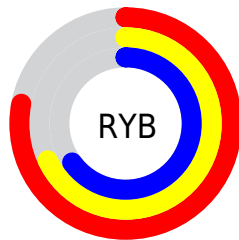
The XYZ color **45.0972, 44.3638, 41.7835** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.6750, 49.8208, 61.2948**, and the grayscale version is **43.0249, 45.2656, 49.2942**.

A 20% lighter version of the original color is **81.6274, 81.3655, 79.1130**, and **21.3742, 20.6449, 18.4811** is the 20% darker color. If you saturate the color by 10%, you get **40.5947, 38.0352, 32.0310**, and if you desaturate by 10%, it is **50.2416, 51.5243, 53.1415**.

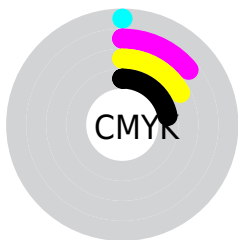
Distribution



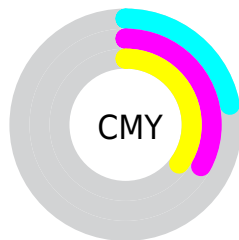
- Red (78%)
- Green (67%)
- Blue (65%)



- Red (78%)
- Yellow (68%)
- Blue (65%)



- Cyan (0%)
- Magenta (14%)
- Yellow (17%)
- Black (22%)





- Cyan (22%)
- Magenta (33%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.0972, 44.3638, 41.7835 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 45.0972, 44.3638, 41.7835 by changing the saturation by 10% instead.


 45.0972, 44.3638,
41.7835


 45.0972, 44.3638,
41.7835


357.9442,
364.1908, 369.3578

 31.7356, 30.9566,
28.6075


 82.1024, 81.7649,
79.1384

 21.3142, 20.5658,
18.5411


 106.4767,
106.5276, 104.1544

 13.4676, 12.8070,
11.1657


135.2527,
135.8443, 133.9541

 7.8306, 7.2958,
6.0628

168.7956,
170.0993, 168.9561

 4.0376, 3.6478,
2.8139

207.4709,
209.6770, 209.5790

 1.7234, 1.4785,
1.0004

251.6438,

 0.4709, 0.2736,

254.9619, 256.2412

0.0000

301.6798,
306.3384, 309.3613

■ 0.0000, 0.0000,
0.0000

■ 45.0972, 44.3638,
41.7835

■ 45.0972, 44.3638,
41.7835

■ 40.5947, 38.0352,
32.0310

■ 50.2416, 51.5243,
53.1415

■ 36.7050, 32.5024,
23.8085

■ 56.0482, 59.5392,
66.1701

■ 33.4021, 27.7352,
17.0389

■ 62.5410, 68.4378,
80.9343

■ 30.6565, 23.6996,
11.6368

■ 69.7417, 78.2460,
97.4947

■ 28.4365, 20.3587,
7.5083

■ 76.1030, 88.3617,
107.6522

■ 26.7066, 17.6722,
4.5472

■ 77.3633, 90.8822,
108.0723

■ 25.4266, 15.5958,
2.6300

■ 24.5465, 14.0778,
1.5901

■ 24.3460, 13.7276,
1.3665

Harmonies

Analogous

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



45.9497, 44.3638, 46.5079



45.0972, 44.3638, 41.7835



43.4671, 44.3638, 38.9566

Triad

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



45.0972, 44.3638, 41.7835



38.7618, 44.3638, 44.7103



42.8050, 44.3638, 59.6139

Complementary

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



45.0972, 44.3638, 41.7835



44.6750, 49.8208, 61.2948

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.



40.8920, 44.3638, 59.0399



45.0972, 44.3638, 41.7835



38.5968, 44.3638, 50.1471

Square

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



45.0972, 44.3638, 41.7835



39.8233, 44.3638, 40.5544



39.3655, 44.3638, 55.4712



44.5997, 44.3638, 56.9842

Rectangle

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



45.0972, 44.3638, 41.7835



42.1790, 44.3638, 38.3906



39.3655, 44.3638, 55.4712



42.1539, 44.3638, 59.7936

Sweetspot

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



45.0984, 44.3658, 41.7844



89.9197, 92.9159, 97.3967



46.5453, 42.8676, 55.8068



19.0974, 19.6814, 20.5140



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.



45.0984, 44.3658, 41.7844



75.4996, 72.8262, 65.6139



48.4997, 51.1683, 42.9182



10.8079, 10.9850, 11.1134



15.7064, 8.9301, 0.8959



0.7969, 0.5293, 0.0602

Inverse Universe

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



44.6750, 49.8208, 61.2948



74.5998, 84.3825, 106.9634



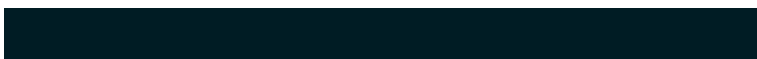
41.1953, 42.8613, 60.1349



10.7540, 11.6821, 13.6056



14.5558, 18.5055, 37.5491



0.7374, 0.9726, 1.7940

Previews

White Background



This preview shows how the XYZ color 45.0972, 44.3638, 41.7835 looks on a white background.

Color Contrast Check

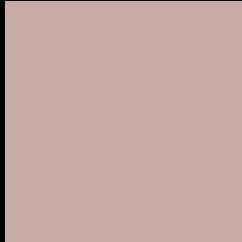
Large Text (above 18pt) WCAG AA × Fail

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 45.0972, 44.3638, 41.7835 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

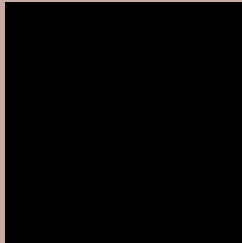
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.0972, 44.3638, 41.7835

Background



This preview shows how black text looks on a background with the XYZ color 45.0972, 44.3638, 41.7835.



This preview shows how white text looks on a background with the XYZ color 45.0972, 44.3638,

41.7835.

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

45.0972, 44.3638, 41.7835

Protanopia

42.3185, 44.3387, 43.3736

Deuteranopia

45.3635, 44.5010, 41.7960



Tritanopia

46.8226, 44.2123, 50.8658

Trichromacy



Original Color

45.0972, 44.3638, 41.7835

Protanomaly

43.2913, 44.2688, 42.8222

Deuteranomaly

45.3635, 44.5010, 41.7960

Tritanomaly

46.0306, 44.1634, 47.1726

Monochromacy



Original Color

45.0972, 44.3638, 41.7835

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

43.4150, 44.5458, 46.3544

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.0972, 44.3638, 41.7835 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, 172, 165)` looks like.

```
.text, #text, p{  
    color:rgb(199, 172, 165)  
}
```

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, 172, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 172, 165) }
```

Border

The CSS property to change the border of an element to XYZ 45.0972, 44.3638, 41.7835 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, 172, 165) }
```


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

```
.border{ border-color:rgb(199, 172, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 172, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 172, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 172, 165);  
box-shadow:4px 4px 4px 4px rgb(199, 172,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 45.0972, 44.3638, 41.7835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 172, 165) }
```

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

```
.background{ background-color: rgb(199,  
172, 165) }
```

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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