

Converting Colors

XYZ(43.6833, 41.4048, 42.9972)

Have a look what the booklet for
XYZ(43.6833, 41.4048, 42.9972)
contains.

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Color

**XYZ(43.7256, 41.4213,
43.2266)**

Conversions

Conversions Part 1

Format	Color
Hex	C6A4A9
RGB	198, 164, 169
RGB Percent	78%, 64%, 66%
CMY	0.2235, 0.3568, 0.3373
CMYK	0.00, 0.17, 0.15, 0.22
HSL	351°, 23%, 71%
HSV	351°, 17%, 78%
XYZ	43.7256, 41.4213, 43.2266
YIQ	174.7360, 18.6590, 8.7630

Conversions

Conversions Part 2

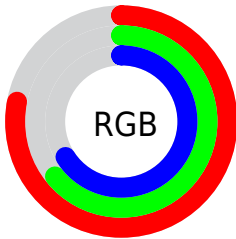
Format	Color
R _Y B	198, 164, 169
Decimal	13018281
CIE Lab	70.47, 13.27, 2.09
CIE LCh	70, 13.432, 8.970
Yxy	41.4213, 0.3406, 0.3227
Android (android.graphics.Color)	4291208361 (0xFFC6A4A9)
YUV	174.7360, -2.8278, 20.4025
Hunter-Lab	64.3594, 8.6435, 5.2298

Details

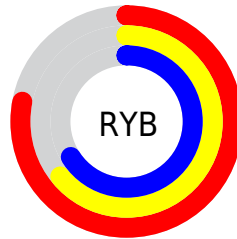
The XYZ color **43.7256, 41.4213, 43.2266** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.1312, 52.1320, 58.1385**, and the grayscale version is **40.6195, 42.7349, 46.5383**.

A 20% lighter version of the original color is **80.0261, 77.3049, 81.2245**, and **20.5067, 18.8020, 19.3780** is the 20% darker color. If you saturate the color by 10%, you get **38.9698, 34.2851, 34.3172**, and if you desaturate by 10%, it is **49.2403, 49.7464, 53.4006**.

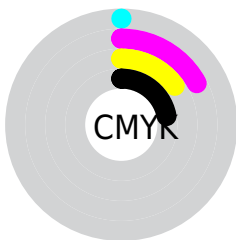
Distribution



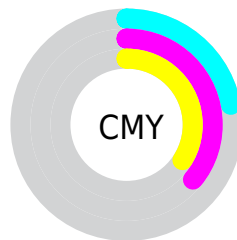
- Red (78%)
- Green (64%)
- Blue (66%)



- Red (78%)
- Yellow (64%)
- Blue (66%)



- Cyan (0%)
- Magenta (17%)
- Yellow (15%)
- Black (22%)





- Cyan (22%)
- Magenta (36%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.7256, 41.4213, 43.2266 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 43.7256, 41.4213, 43.2266 by changing the saturation by 10% instead.


 43.7256, 41.4213,
43.2266


 43.7256, 41.4213,
43.2266


352.4585,
352.0784, 375.4914

 30.6518, 28.6484,
29.7302


 80.0536, 77.3230,
81.3427

 20.4844, 18.8150,
19.3836

 104.0385,
101.2207, 106.7996

 12.8579, 11.5367,
11.7682


132.3912,
129.5954, 137.0803

 7.4071, 6.4290,
6.4654

165.4770,
162.8315, 172.6035

 3.7666, 3.1077,
3.0568

203.6613,
201.3135, 213.7876

 1.5709, 1.1882,
1.1237

247.3094,

 0.3734, 0.0520,

245.4257, 261.0513

0.0000

296.7867,
295.5525, 314.8130

■ 0.0000, 0.0000,
0.0000

■ 43.7256, 41.4213,
43.2266

■ 43.7256, 41.4213,
43.2266

■ 38.9698, 34.2851,
34.3172

■ 49.2403, 49.7464,
53.4006

■ 34.9361, 28.2783,
26.6202

■ 55.5414, 59.3055,
64.8832

■ 31.5900, 23.3446,
20.0837

■ 62.6597, 70.1479,
77.7197

■ 28.8926, 19.4204,
14.6511

■ 70.6230, 82.3188,
91.9524

■ 26.8013, 16.4357,
10.2608

■ 76.8506, 90.6465,
106.7525

■ 25.2681, 14.3115,
6.8452

■ 77.0989, 90.7459,
108.0599

■ 24.2377, 12.9555,
4.3286

■ 23.6367, 12.2423,
2.6215

■ 23.5119, 12.0951,
2.2642

Harmonies

Analogous

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



43.4778, 41.4213, 49.6182



43.7256, 41.4213, 43.2266



42.7726, 41.4213, 37.8603

Triad

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



43.7256, 41.4213, 43.2266



36.7529, 41.4213, 36.2715



37.8619, 41.4213, 57.4628

Complementary

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



43.7256, 41.4213, 43.2266



45.1312, 52.1320, 58.1385

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.



36.1522, 41.4213, 53.2101



43.7256, 41.4213, 43.2266



35.5288, 41.4213, 40.8661

Square

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



43.7256, 41.4213, 43.2266



38.7097, 41.4213, 34.0993



35.3131, 41.4213, 47.0283



40.0371, 41.4213, 58.2454

Rectangle

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



43.7256, 41.4213, 43.2266



41.6049, 41.4213, 35.4406



35.3131, 41.4213, 47.0283



37.2161, 41.4213, 56.3739

Sweetspot

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



43.7268, 41.4232, 43.2275



89.4145, 91.4524, 98.6259



45.4366, 41.9544, 59.1297



18.9751, 19.3272, 20.8113



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.



43.7268, 41.4232, 43.2275



73.7800, 67.8627, 69.7397



45.4966, 45.6992, 41.5472



10.6963, 10.6619, 11.3842



15.3100, 7.8735, 1.5761



0.7459, 0.3812, 0.1849

Inverse Universe

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



43.7268, 41.4232, 43.2275



73.7800, 67.8627, 69.7397



43.0844, 47.1312, 60.2529



10.6963, 10.6619, 11.3842



15.3100, 7.8735, 1.5761



0.7459, 0.3812, 0.1849

Previews

White Background



This preview shows how the XYZ color 43.7256, 41.4213, 43.2266 looks on a white background.

Color Contrast Check

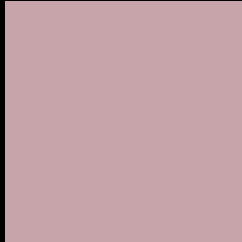
Large Text (above 18pt) WCAG AA × Fail

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 43.7256, 41.4213, 43.2266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

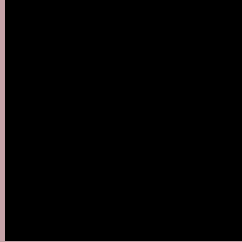
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.7256, 41.4213, 43.2266

Background



This preview shows how black text looks on a background with the XYZ color 43.7256, 41.4213, 43.2266.



This preview shows how white text looks on a background with the XYZ color 43.7256, 41.4213,

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

43.7256, 41.4213, 43.2266

Protanopia

39.9745, 41.6361, 45.4649

Deuteranopia

42.3725, 41.5410, 42.8307



Tritanopia

44.4869, 41.4711, 46.7343

Trichromacy



Original Color

43.7256, 41.4213, 43.2266

Protanomaly

41.1628, 41.4218, 44.8554

Deuteranomaly

42.9522, 41.5689, 42.8056

Tritanomaly

44.1932, 41.3536, 45.1880

Monochromacy



Original Color

43.7256, 41.4213, 43.2266

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.6342, 42.2102, 45.4882

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.7256, 41.4213, 43.2266 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(198, 164, 169)` looks like.

```
.text, #text, p{  
    color:rgb(198, 164, 169)  
}
```

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(198, 164, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 164, 169) }
```

Border

The CSS property to change the border of an element to XYZ 43.7256, 41.4213, 43.2266 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(198, 164, 169) }
```


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

```
.border{ border-color:rgb(198, 164, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 164, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 164, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 164, 169);  
box-shadow:4px 4px 4px 4px rgb(198, 164,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 43.7256, 41.4213, 43.2266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 164, 169) }
```

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

```
.background{ background-color: rgb(198,  
164, 169) }
```

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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