

Converting Colors

XYZ(43.9796, 42.0561, 41.7603)

Have a look what the booklet for
XYZ(43.9796, 42.0561, 41.7603)
contains.

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Color

**XYZ(44.0723, 42.1677,
41.8927)**

Conversions

Conversions Part 1

Format	Color
Hex	C7A6A6
RGB	199, 166, 166
RGB Percent	78%, 65%, 65%
CMY	0.2196, 0.3490, 0.3490
CMYK	0.00, 0.17, 0.17, 0.22
HSL	0°, 23%, 72%
HSV	0°, 17%, 78%
XYZ	44.0723, 42.1677, 41.8927
YIQ	175.8670, 19.6680, 6.9960

Conversions

Conversions Part 2

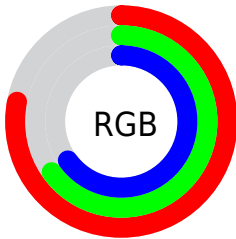
Format	Color
RYB	199, 166, 166
Decimal	13084326
CIELab	70.99, 12.06, 4.51
CIELCh	71, 12.877, 20.514
Yxy	42.1677, 0.3440, 0.3291
Android (android.graphics.Color)	4291274406 (0xFFC7A6A6)
YUV	175.8670, -4.8644, 20.2876
Hunter-Lab	64.9367, 7.5082, 7.2058

Details

The XYZ color **44.0723, 42.1677, 41.8927** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.4577, 53.0761, 61.8293**, and the grayscale version is **41.2158, 43.3623, 47.2215**.

A 20% lighter version of the original color is **80.1476, 78.1934, 79.2752**, and **20.7316, 19.2693, 18.5463** is the 20% darker color. If you saturate the color by 10%, you get **39.0449, 34.8114, 31.8968**, and if you desaturate by 10%, it is **49.9442, 50.7600, 53.5647**.

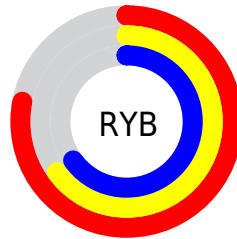
Distribution



Red (78%)

Green (65%)

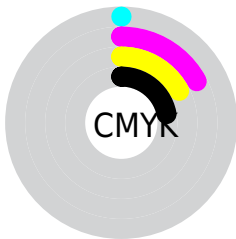
Blue (65%)



Red (78%)

Yellow (65%)

Blue (65%)

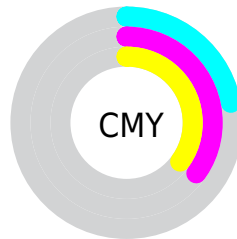


Cyan (0%)

Magenta (17%)

Yellow (17%)

Black (22%)



Cyan (22%)


Magenta (35%)


Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.0723, 42.1677, 41.8927 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 44.0723, 42.1677, 41.8927 by changing the saturation by 10% instead.

 44.0723, 42.1677,
41.8927


 44.0723, 42.1677,
41.8927


353.8505,
355.1776, 369.8245

 30.9255, 29.2326,
28.6923


 80.5722, 78.4534,
79.3055

 20.6937, 19.2569,
18.6046


 104.6560,
102.5728, 104.3551

 13.0115, 11.8560,
11.2110


133.1162,
131.1890, 134.1915

 7.5135, 6.6457,
6.0930

166.3182,
164.6866, 169.2332

 3.8344, 3.2415,
2.8320

204.6272,
203.4499, 209.8988

 1.6089, 1.2591,
1.0095

248.4087,

 0.3982, 0.1092,

247.8632, 256.6069

0.0000

298.0280,
298.3110, 309.7759

■ 0.0000, 0.0000,
0.0000

■ 44.0723, 42.1677,
41.8927

■ 44.0723, 42.1677,
41.8927

■ 39.0449, 34.8114,
31.8968

■ 49.9442, 50.7600,
53.5647

■ 34.8198, 28.6290,
23.4975

■ 56.6931, 60.6354,
66.9818

■ 31.3567, 23.5614,
16.6130

■ 64.3542, 71.8456,
82.2126

■ 28.6101, 19.5424,
11.1532

■ 72.9598, 84.4377,
99.3210

■ 26.5300, 16.4984,
7.0183

■ 77.3633, 90.8822,
108.0723

■ 25.0597, 14.3468,
4.0957

■ 24.1333, 12.9910,
2.2544

■ 23.6646, 12.3052,
1.3232

■ 23.5536, 12.1427,
1.1024

Harmonies

Analogous

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



44.2915, 42.1677, 47.8902



44.0723, 42.1677, 41.8927



42.7627, 42.1677, 37.3779

Triad

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



44.0723, 42.1677, 41.8927



36.9760, 42.1677, 38.7965



39.4024, 42.1677, 58.5933

Complementary

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



44.0723, 42.1677, 41.8927



46.4577, 53.0761, 61.8293

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.



37.5103, 42.1677, 55.6586



44.0723, 42.1677, 41.8927



36.1427, 42.1677, 43.9919

Square

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



44.0723, 42.1677, 41.8927



38.6494, 42.1677, 35.7042



36.3348, 42.1677, 50.1836



41.5437, 42.1677, 57.9040

Rectangle

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



44.0723, 42.1677, 41.8927



41.4724, 42.1677, 35.6429



36.3348, 42.1677, 50.1836



38.7174, 42.1677, 57.9887

Sweetspot

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



44.0735, 42.1696, 41.8936



89.1316, 91.3399, 97.1340



47.4986, 43.5386, 59.9335



18.9067, 19.3000, 20.4504



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.



44.0735, 42.1696, 41.8936



73.7333, 68.8081, 66.5219



47.2671, 48.5568, 42.9581



10.6340, 10.6371, 11.0555



15.1454, 7.8081, 0.7089



0.7172, 0.3698, 0.0336

Inverse Universe

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



46.4577, 53.0761, 61.8293



78.7100, 91.5737, 108.1348



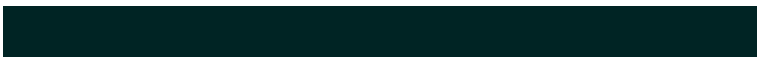
42.8657, 45.8921, 60.6319



10.9467, 12.0674, 13.6698



19.7583, 28.9105, 39.2833



0.9356, 1.3690, 1.8601

Previews

White Background



This preview shows how the XYZ color 44.0723, 42.1677, 41.8927 looks on a white background.

Color Contrast Check

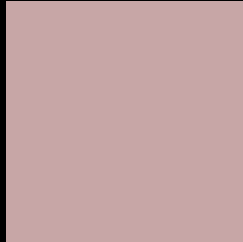
Large Text (above 18pt) WCAG AA × Fail

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 44.0723, 42.1677, 41.8927 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

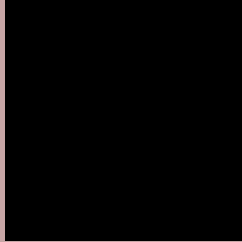
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.0723, 42.1677, 41.8927

Background



This preview shows how black text looks on a background with the XYZ color 44.0723, 42.1677, 41.8927.



This preview shows how white text looks on a background with the XYZ color 44.0723, 42.1677,

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

44.0723, 42.1677, 41.8927

Protanopia

40.5594, 42.2544, 44.0484

Deuteranopia

43.1337, 42.2278, 41.9538



Tritanopia

45.0307, 42.0046, 47.3293

Trichromacy



Original Color

44.0723, 42.1677, 41.8927

Protanomaly

41.7859, 42.0531, 43.4508

Deuteranomaly

43.4666, 42.1264, 41.9167

Tritanomaly

44.8174, 42.2068, 45.3198

Monochromacy



Original Color

44.0723, 42.1677, 41.8927

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.9661, 42.6740, 45.0548

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.0723, 42.1677, 41.8927 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, 166, 166)` looks like.

```
.text, #text, p{  
    color:rgb(199, 166, 166)  
}
```

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, 166, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 166, 166) }
```

Border

The CSS property to change the border of an element to XYZ 44.0723, 42.1677, 41.8927 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, 166, 166) }
```


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

```
.border{ border-color:rgb(199, 166, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 166, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 166, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 166, 166);  
box-shadow:4px 4px 4px 4px rgb(199, 166,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 44.0723, 42.1677, 41.8927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 166, 166) }
```

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

```
.background{ background-color: rgb(199,  
166, 166) }
```

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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