

Converting Colors

XYZ(43.4496, 40.7738, 42.1410)

Have a look what the booklet for
XYZ(43.4496, 40.7738, 42.1410)
contains.

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Color

**XYZ(43.4486, 40.7728,
42.1392)**

Conversions

Conversions Part 1

Format	Color
Hex	C7A2A7
RGB	199, 162, 167
RGB Percent	78%, 64%, 65%
CMY	0.2196, 0.3647, 0.3451
CMYK	0.00, 0.19, 0.16, 0.22
HSL	352°, 25%, 71%
HSV	352°, 19%, 78%
XYZ	43.4486, 40.7728, 42.1392
YIQ	173.6330, 20.4470, 9.3990

Conversions

Conversions Part 2

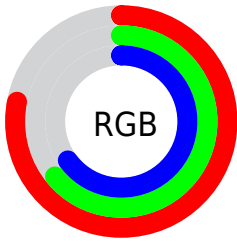
Format	Color
RYB	199, 162, 167
Decimal	13083303
CIELab	70.02, 14.41, 2.56
CIELCh	70, 14.631, 10.058
Yxy	40.7728, 0.3438, 0.3227
Android (android.graphics.Color)	4291273383 (0xFFC7A2A7)
YUV	173.6330, -3.2701, 22.2469
Hunter-Lab	63.8536, 9.7150, 5.5700

Details

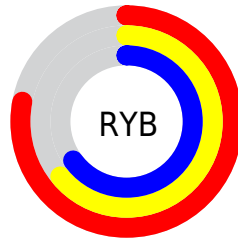
The XYZ color **43.4486, 40.7728, 42.1392** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.0630, 52.4243, 58.7853**, and the grayscale version is **40.0537, 42.1396, 45.8901**.

A 20% lighter version of the original color is **79.2377, 76.1596, 79.6312**, and **20.3475, 18.4094, 18.7006** is the 20% darker color. If you saturate the color by 10%, you get **38.7300, 33.7146, 33.2313**, and if you desaturate by 10%, it is **48.9360, 49.0288, 52.3493**.

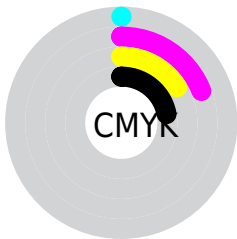
Distribution



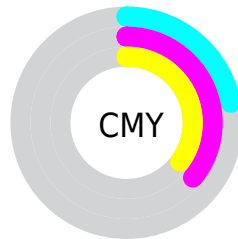
- Red (78%)
- Green (64%)
- Blue (65%)



- Red (78%)
- Yellow (64%)
- Blue (65%)



- Cyan (0%)
- Magenta (19%)
- Yellow (16%)
- Black (22%)





- Cyan (22%)
- Magenta (36%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.4486, 40.7728, 42.1392 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 43.4486, 40.7728, 42.1392 by changing the saturation by 10% instead.


 43.4486, 40.7728,
42.1392


 43.4486, 40.7728,
42.1392


351.3437,
349.3701, 370.8763

 30.4333, 28.1416,
28.8839


 79.6389, 76.3389,
79.6826

 20.3174, 18.4324,
18.7482


 103.5446,
100.0425, 104.8078

 12.7356, 11.2609,
11.3135


131.8111,
128.2058, 134.7268

 7.3225, 6.2426,
6.1613

164.8038,
161.2131, 169.8580

 3.7127, 2.9932,
2.8730

202.8881,
199.4488, 210.6200

 1.5409, 1.1282,
1.0302

246.4292,

 0.3534, 0.0018,

243.2972, 257.4314

0.0000

295.7927,
293.1429, 310.7106

■ 0.0000, 0.0000,
0.0000

■ 43.4486, 40.7728,
42.1392

■ 43.4486, 40.7728,
42.1392

■ 38.7300, 33.7146,
33.2313

■ 48.9360, 49.0288,
52.3493

■ 34.7425, 27.7934,
25.5706

■ 55.2210, 58.5289,
63.9084

■ 31.4502, 22.9511,
19.1020

■ 62.3351, 69.3237,
76.8642

■ 28.8130, 19.1227,
13.7652

■ 70.3068, 81.4591,
91.2613

■ 26.7865, 16.2357,
9.4945

■ 77.0532, 90.7581,
106.4387

■ 25.3206, 14.2084,
6.2177

■ 77.3634, 90.8822,
108.0723

■ 24.3573, 12.9447,
3.8530

■ 23.8093, 12.2933,
2.3000

■ 23.7498, 12.2208,
2.1365

Harmonies

Analogous

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



43.2282, 40.7728, 49.0287



43.4486, 40.7728, 42.1392



42.3721, 40.7728, 36.4640

Triad

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



43.4486, 40.7728, 42.1392



35.8750, 40.7728, 35.0780



37.2095, 40.7728, 57.9273

Complementary

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



43.4486, 40.7728, 42.1392



45.0630, 52.4243, 58.7853

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.



35.3467, 40.7728, 53.3991



43.4486, 40.7728, 42.1392



34.5985, 40.7728, 40.0622

Square

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



43.4486, 40.7728, 42.1392



37.9576, 40.7728, 32.6730



34.4091, 40.7728, 46.7292



39.5601, 40.7728, 58.6298

Rectangle

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



43.4486, 40.7728, 42.1392



41.0887, 40.7728, 33.9544



34.4091, 40.7728, 46.7292



36.5082, 40.7728, 56.7817

Sweetspot

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



43.4497, 40.7746, 42.1401



88.3038, 89.8005, 96.4996



45.3376, 41.3628, 59.6276



18.7503, 18.9940, 20.3774



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.



43.4497, 40.7746, 42.1401



72.8390, 66.5403, 67.7010



45.3963, 45.3928, 40.5537



10.6912, 10.6599, 11.3573



15.2905, 7.8657, 1.4735



0.7435, 0.3803, 0.1727

Inverse Universe

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



43.4497, 40.7746, 42.1401



72.8390, 66.5403, 67.7010



42.7801, 46.9452, 60.8399



10.6912, 10.6599, 11.3573



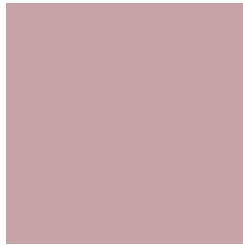
15.2905, 7.8657, 1.4735



0.7435, 0.3803, 0.1727

Previews

White Background



This preview shows how the XYZ color 43.4486, 40.7728, 42.1392 looks on a white background.

Color Contrast Check

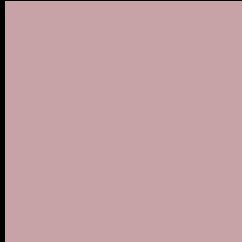
Large Text (above 18pt) WCAG AA × Fail

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 43.4486, 40.7728, 42.1392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

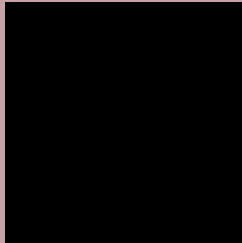
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.4486, 40.7728, 42.1392

Background



This preview shows how black text looks on a background with the XYZ color 43.4486, 40.7728, 42.1392.



This preview shows how white text looks on a background with the XYZ color 43.4486, 40.7728,

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

43.4486, 40.7728, 42.1392

Protanopia

39.2767, 40.7267, 44.8207

Deuteranopia

41.7544, 40.9728, 41.7842



Tritanopia

44.1071, 40.7862, 45.0830

Trichromacy



Original Color

43.4486, 40.7728, 42.1392

Protanomaly

40.6029, 40.6070, 43.7281

Deuteranomaly

42.3304, 41.0009, 41.7593

Tritanomaly

43.9150, 40.7094, 44.0712

Monochromacy



Original Color

43.4486, 40.7728, 42.1392

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

41.2539, 41.7570, 44.4137

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4486, 40.7728, 42.1392 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, 162, 167)` looks like.

```
.text, #text, p{  
    color:rgb(199, 162, 167)  
}
```

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, 162, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 162, 167) }
```

Border

The CSS property to change the border of an element to XYZ 43.4486, 40.7728, 42.1392 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, 162, 167) }
```


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

```
.border{ border-color:rgb(199, 162, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 162, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 162, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 162, 167);  
box-shadow:4px 4px 4px 4px rgb(199, 162,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4486, 40.7728, 42.1392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 162, 167) }
```

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

```
.background{ background-color: rgb(199,  
162, 167) }
```

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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