

Converting Colors

XYZ(42.8248, 39.9641, 40.5787)

Have a look what the booklet for
XYZ(42.8248, 39.9641, 40.5787)
contains.

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Color

**XYZ(42.8248, 39.9641,
40.5787)**

Conversions

Conversions Part 1

Format	Color
Hex	C7A0A4
RGB	199, 160, 164
RGB Percent	78%, 63%, 64%
CMY	0.2196, 0.3725, 0.3569
CMYK	0.00, 0.20, 0.18, 0.22
HSL	354°, 26%, 70%
HSV	354°, 20%, 78%
XYZ	42.8248, 39.9641, 40.5787
YIQ	172.1170, 21.9600, 9.5120

Conversions

Conversions Part 2

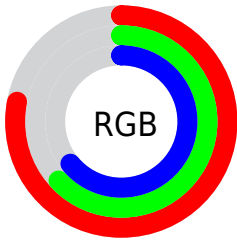
Format	Color
RYB	199, 160, 164
Decimal	13082788
CIELab	69.44, 15.02, 3.39
CIELCh	69, 15.400, 12.717
Yxy	39.9641, 0.3471, 0.3239
Android (android.graphics.Color)	4291272868 (0xFFC7A0A4)
YUV	172.1170, -4.0017, 23.5764
Hunter-Lab	63.2172, 10.2901, 6.1941

Details

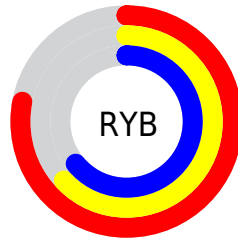
The XYZ color **42.8248, 39.9641, 40.5787** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.7725, 52.2614, 59.3600**, and the grayscale version is **39.2847, 41.3305, 45.0090**.

A 20% lighter version of the original color is **78.3266, 74.9754, 77.3613**, and **19.9642, 17.9147, 17.7349** is the 20% darker color. If you saturate the color by 10%, you get **38.1460, 33.0087, 31.6122**, and if you desaturate by 10%, it is **48.2846, 48.1181, 50.9240**.

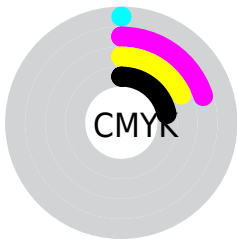
Distribution



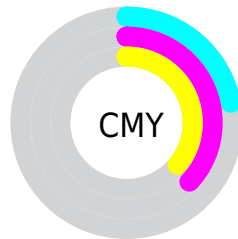
- Red (78%)
- Green (63%)
- Blue (64%)



- Red (78%)
- Yellow (63%)
- Blue (64%)



- Cyan (0%)
- Magenta (20%)
- Yellow (18%)
- Black (22%)





- Cyan (22%)
- Magenta (37%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.8248, 39.9641, 40.5787 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 42.8248, 39.9641, 40.5787 by changing the saturation by 10% instead.


 42.8248, 39.9641,
40.5787

 42.8248, 39.9641,
40.5787


348.8245,
345.9722, 364.1811

 29.9416, 27.5106,
27.6728


 78.7038, 75.1088,
77.2906

 19.9421, 17.9570,
17.8423


 102.4303, 98.5688,
101.9338

 12.4610, 10.9191,
10.6685


130.5019,
126.4664, 131.3264

 7.1329, 6.0125,
5.7331

163.2840,
159.1860, 165.8871

 3.5924, 2.8527,
2.6173

201.1420,
197.1120, 206.0344

 1.4742, 1.0553,
0.9014

244.4411,

 0.3082, 0.0000,

240.6288, 252.1868

0.0000

293.5469,
290.1207, 304.7628

0.0000, 0.0000,
0.0000

42.8248, 39.9641,
40.5787

42.8248, 39.9641,
40.5787

38.1460, 33.0087,
31.6122

48.2846, 48.1181,
50.9240

34.2092, 27.1904,
23.9640

54.5554, 57.5177,
62.7005

30.9771, 22.4501,
17.5723

61.6696, 68.2141,
75.9605

28.4079, 18.7215,
12.3700

69.6569, 80.2540,
90.7534

26.4554, 15.9309,
8.2831

77.0915, 90.7735,
106.6413

■ 25.0671, 13.9946,
5.2296

■ 77.3633, 90.8822,
108.0723

■ 24.1819, 12.8140,
3.1162

■ 23.6984, 12.2142,
1.8236

■ 23.6831, 12.1941,
1.7858

Harmonies

Analogous

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



42.7185, 39.9641, 47.6955



42.8248, 39.9641, 40.5787



41.5941, 39.9641, 34.8978

Triad

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



42.8248, 39.9641, 40.5787



34.8431, 39.9641, 34.2384



36.5866, 39.9641, 57.8880

Complementary

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



42.8248, 39.9641, 40.5787



44.7725, 52.2614, 59.3600

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.



34.5903, 39.9641, 53.4434



42.8248, 39.9641, 40.5787



33.6142, 39.9641, 39.5846

Square

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



42.8248, 39.9641, 40.5787



36.9454, 39.9641, 31.5139



33.5237, 39.9641, 46.5878



39.0433, 39.9641, 58.2290

Rectangle

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



42.8248, 39.9641, 40.5787



40.2109, 39.9641, 32.4779



33.5237, 39.9641, 46.5878



35.8421, 39.9641, 56.8038

Sweetspot

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



42.8259, 39.9659, 40.5795



88.2291, 89.7706, 96.1063



45.2446, 40.7960, 59.5228



18.7327, 18.9869, 20.2849



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.



42.8259, 39.9659, 40.5795



70.9210, 63.9281, 63.2888



45.2198, 45.3222, 39.6248



10.6773, 10.6543, 11.2840



15.2443, 7.8473, 1.2303



0.7372, 0.3777, 0.1391

Inverse Universe

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



42.8259, 39.9659, 40.5795



70.9210, 63.9281, 63.2888



41.9584, 45.9003, 60.6812



10.6773, 10.6543, 11.2840



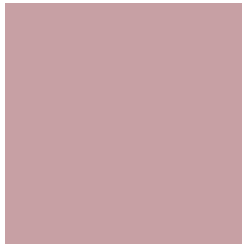
15.2443, 7.8473, 1.2303



0.7372, 0.3777, 0.1391

Previews

White Background



This preview shows how the XYZ color 42.8248, 39.9641, 40.5787 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 42.8248, 39.9641, 40.5787 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

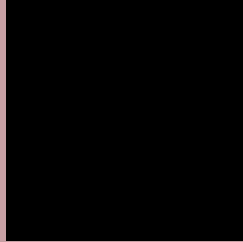
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.8248, 39.9641, 40.5787

Background



This preview shows how black text looks on a background with the XYZ color 42.8248, 39.9641, 40.5787.



This preview shows how white text looks on a background with the XYZ color 42.8248, 39.9641,

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

42.8248, 39.9641, 40.5787

Protanopia

38.5830, 40.1247, 43.2474

Deuteranopia

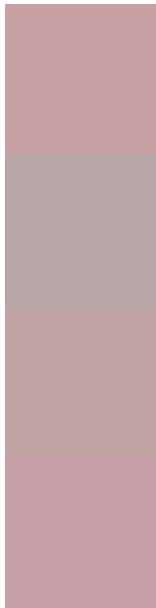
40.8726, 40.0141, 40.2196



Tritanopia

43.5682, 40.0159, 43.9556

Trichromacy



Original Color

42.8248, 39.9641, 40.5787

Protanomaly

39.9027, 40.0075, 42.1783

Deuteranomaly

41.7004, 40.1762, 40.2073

Tritanomaly

43.2854, 39.9028, 42.4664

Monochromacy



Original Color

42.8248, 39.9641, 40.5787

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

40.4555, 40.8149, 43.2820

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.8248, 39.9641, 40.5787 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, 160, 164)` looks like.

```
.text, #text, p{  
    color:rgb(199, 160, 164)  
}
```

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, 160, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 160, 164) }
```

Border

The CSS property to change the border of an element to XYZ 42.8248, 39.9641, 40.5787 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, 160, 164) }
```


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

```
.border{ border-color:rgb(199, 160, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 160, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 160, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 160, 164);  
box-shadow:4px 4px 4px 4px rgb(199, 160,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 42.8248, 39.9641, 40.5787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 160, 164) }
```

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

```
.background{ background-color: rgb(199,  
160, 164) }
```

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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