

Converting Colors

XYZ(42.1444, 39.5709, 42.4625)

Have a look what the booklet for
XYZ(42.1444, 39.5709, 42.4625)
contains.

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Color

**XYZ(42.1444, 39.5709,
42.4625)**

Conversions

Conversions Part 1

Format	Color
Hex	C3A0A8
RGB	195, 160, 168
RGB Percent	76%, 63%, 66%
CMY	0.2353, 0.3725, 0.3412
CMYK	0.00, 0.18, 0.14, 0.24
HSL	346°, 23%, 70%
HSV	346°, 18%, 76%
XYZ	42.1444, 39.5709, 42.4625
YIQ	171.3770, 18.2920, 9.9080

Conversions

Conversions Part 2

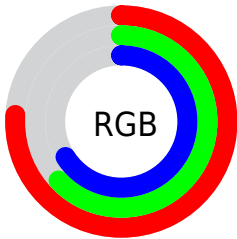
Format	Color
RYB	195, 160, 168
Decimal	12820648
CIELab	69.16, 14.19, 0.71
CIELCh	69, 14.211, 2.871
Yxy	39.5709, 0.3394, 0.3187
Android (android.graphics.Color)	4291010728 (0xFFC3A0A8)
YUV	171.3770, -1.6649, 20.7174
Hunter-Lab	62.9054, 9.5042, 4.0118

Details

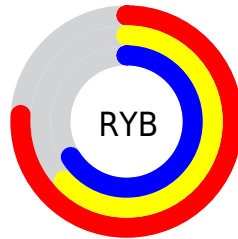
The XYZ color **42.1444, 39.5709, 42.4625** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.9836, 50.0927, 54.4196**, and the grayscale version is **38.9009, 40.9267, 44.5692**.

A 20% lighter version of the original color is **77.7646, 74.6240, 80.1173**, and **19.4995, 17.6488, 18.9018** is the 20% darker color. If you saturate the color by 10%, you get **37.7041, 32.8047, 34.4630**, and if you desaturate by 10%, it is **47.2794, 47.4660, 51.4946**.

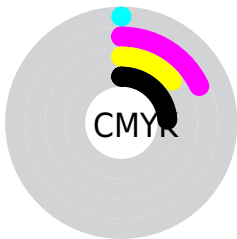
Distribution



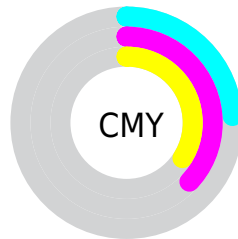
- Red (76%)
- Green (63%)
- Blue (66%)



- Red (76%)
- Yellow (63%)
- Blue (66%)



- Cyan (0%)
- Magenta (18%)
- Yellow (14%)
- Black (24%)





- Cyan (24%)
- Magenta (37%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.1444, 39.5709, 42.4625 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 42.1444, 39.5709, 42.4625 by changing the saturation by 10% instead.


 42.1444, 39.5709,
42.4625


 42.1444, 39.5709,
42.4625


346.0626,
344.3116, 372.2527

 29.4060, 27.2041,
29.1353

 77.6819, 74.5097,
80.1768

 19.5340, 17.7266,
18.9368


 101.2117, 97.8504,
105.4009

 12.1630, 10.7539,
11.4482


129.0694,
125.6180, 135.4279

 6.9278, 5.9016,
6.2512

161.6202,
158.1968, 170.6761

 3.4629, 2.7853,
2.9272

199.2296,
195.9711, 211.5641

 1.4030, 1.0207,
1.0576

242.2629,

 0.2584, 0.0000,

239.3255, 258.5105

0.0000

291.0855,
288.6442, 311.9339

■ 0.0000, 0.0000,
0.0000

■ 42.1444, 39.5709,
42.4625

■ 42.1444, 39.5709,
42.4625

■ 37.7041, 32.8047,
34.4630

■ 47.2794, 47.4660,
51.4946

■ 33.9249, 27.1105,
27.4563

■ 53.1339, 56.5327,
61.5920

■ 30.7756, 22.4346,
21.4038

■ 59.7358, 66.8183,
72.7891

■ 28.2209, 18.7164,
16.2634

■ 67.1104, 78.3656,
85.1181

■ 26.2221, 15.8890,
11.9895

■ 74.4773, 89.6068,
98.3414

■ 24.7356, 13.8765,
8.5327

■ 76.3159, 90.3422,
108.0233

■ 23.7110, 12.5906,
5.8379

■ 23.0756, 11.8996,
3.8388

■ 22.9710, 11.7883,
3.5027

Harmonies

Analogous

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



41.6339, 39.5709, 49.0459



42.1444, 39.5709, 42.4625



41.4003, 39.5709, 36.6467

Triad

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



42.1444, 39.5709, 42.4625



35.2897, 39.5709, 33.4099



35.6541, 39.5709, 55.2060

Complementary

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



42.1444, 39.5709, 42.4625



42.9836, 50.0927, 54.4196

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.



34.0602, 39.5709, 50.2385



42.1444, 39.5709, 42.4625



33.8559, 39.5709, 37.6295

Square

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



42.1444, 39.5709, 42.4625



37.3926, 39.5709, 31.7606



33.4149, 39.5709, 43.7155



37.8301, 39.5709, 56.8267

Rectangle

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



42.1444, 39.5709, 42.4625



40.3097, 39.5709, 33.8620



33.4149, 39.5709, 43.7155



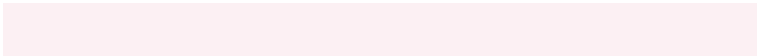
35.0354, 39.5709, 53.8492

Sweetspot

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



42.1455, 39.5727, 42.4633



87.5515, 89.4519, 97.2174



42.8752, 39.6274, 57.0193



19.0135, 19.3426, 21.0134



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.



42.1455, 39.5727, 42.4633



71.8373, 65.3050, 69.5315



43.1022, 42.6420, 39.2189



10.1654, 10.1148, 10.9614



14.9569, 7.6725, 2.4189



0.6735, 0.3424, 0.2481

Inverse Universe

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



42.1455, 39.5727, 42.4633



71.8373, 65.3050, 69.5315



41.8377, 46.3925, 58.3798



10.1654, 10.1148, 10.9614



14.9569, 7.6725, 2.4189



0.6735, 0.3424, 0.2481

Previews

White Background



This preview shows how the XYZ color 42.1444, 39.5709, 42.4625 looks on a white background.

Color Contrast Check

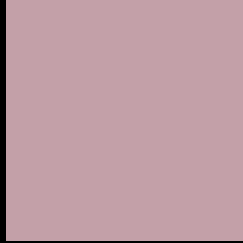
Large Text (above 18pt) WCAG AA × Fail

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 42.1444, 39.5709, 42.4625 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 42.1444, 39.5709, 42.4625

Background



This preview shows how black text looks on a background with the XYZ color 42.1444, 39.5709, 42.4625.



This preview shows how white text looks on a background with the XYZ color 42.1444, 39.5709,

42.4625.

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

42.1444, 39.5709, 42.4625

Protanopia

38.3400, 39.6803, 45.1735

Deuteranopia

40.5002, 39.7800, 42.1029



Tritanopia

42.3502, 39.3769, 44.3981

Trichromacy



Original Color

42.1444, 39.5709, 42.4625

Protanomaly

39.6282, 39.5538, 44.0741

Deuteranomaly

41.0585, 39.8032, 42.0780

Tritanomaly

42.2545, 39.3387, 43.8941

Monochromacy



Original Color

42.1444, 39.5709, 42.4625

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.8968, 40.2430, 43.6951

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.1444, 39.5709, 42.4625 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(195, 160, 168)` looks like.

```
.text, #text, p{  
    color:rgb(195, 160, 168)  
}
```

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(195, 160, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 160, 168) }
```

Border

The CSS property to change the border of an element to XYZ 42.1444, 39.5709, 42.4625 is called "border". The border property can be set on classes, ids or directly on the HTML element.

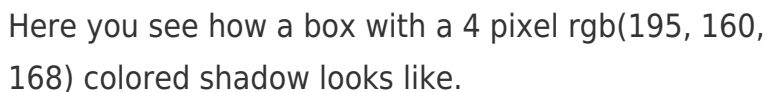
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 160, 168) }
```


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

```
.border{ border-color:rgb(195, 160, 168) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 160, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 160, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 160, 168); box-shadow:4px 4px 4px 4px rgb(195, 160, 168) }
```

Background

The CSS property to change the background color of an element to XYZ 42.1444, 39.5709, 42.4625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 160, 168) }
```

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

```
.background{ background-color: rgb(195,  
160, 168) }
```

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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