

Converting Colors

XYZ(39.8097, 34.7247, 42.2238)

Have a look what the booklet for
XYZ(39.8097, 34.7247, 42.2238)
contains.

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Color

**XYZ(39.7925, 34.7175,
42.1400)**

Conversions

Conversions Part 1

Format	Color
Hex	C391A9
RGB	195, 145, 169
RGB Percent	76%, 57%, 66%
CMY	0.2353, 0.4314, 0.3373
CMYK	0.00, 0.26, 0.13, 0.24
HSL	331°, 29%, 67%
HSV	331°, 26%, 76%
XYZ	39.7925, 34.7175, 42.1400
YIQ	162.6860, 22.0960, 18.0640

Conversions

Conversions Part 2

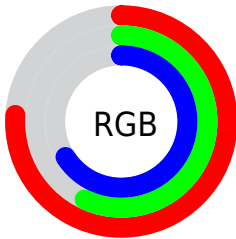
Format	Color
R _{YB}	195, 145, 169
Decimal	12816809
CIE Lab	65.53, 22.63, -5.18
CIE LCh	66, 23.217, 347.098
Yxy	34.7175, 0.3411, 0.2976
Android (android.graphics.Color)	4291006889 (0xFFC391A9)
YUV	162.6860, 3.1128, 28.3394
Hunter-Lab	58.9216, 17.4367, -1.1584

Details

The XYZ color **39.7925, 34.7175, 42.1400** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.5443, 47.9911, 45.7620**, and the grayscale version is **34.6441, 36.4483, 39.6922**.

A 20% lighter version of the original color is **74.0229, 66.9241, 79.5372**, and **18.1981, 14.9525, 18.7566** is the 20% darker color. If you saturate the color by 10%, you get **36.1494, 28.8959, 36.4095**, and if you desaturate by 10%, it is **44.0229, 41.5946, 48.4313**.

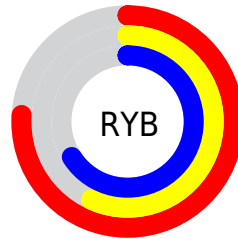
Distribution



Red (76%)

Green (57%)

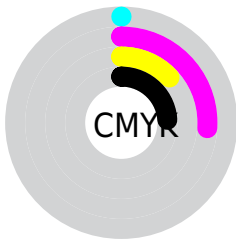
Blue (66%)



Red (76%)

Yellow (57%)

Blue (66%)

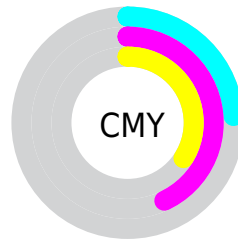


Cyan (0%)

Magenta (26%)

Yellow (13%)

Black (24%)



Cyan (24%)


Magenta (43%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.7925, 34.7175, 42.1400 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 39.7925, 34.7175, 42.1400 by changing the saturation by 10% instead.


 39.7925, 34.7175,
42.1400


 39.7925, 34.7175,
42.1400

336.3977,
323.3196, 370.8797

 27.5603, 23.4453,
28.8845


 74.1338, 67.0479,
79.6838

 18.1332, 14.9227,
18.7487


 96.9736, 88.8749,
104.8093

 11.1459, 8.7651,
11.3138


124.0799,
114.9890, 134.7285

 6.2331, 4.5883,
6.1615

155.8182,
145.7746, 169.8600

 3.0293, 2.0078,
2.8732

192.5538,
181.6161, 210.6224

 1.1693, 0.6120,
1.0302

234.6519,

 0.0819, 0.0000,

222.8978, 257.4341

0.0000

282.4781,
270.0042, 310.7137

■ 0.0000, 0.0000,
0.0000

■ 39.7925, 34.7175,
42.1400

■ 39.7925, 34.7175,
42.1400

■ 36.1494, 28.8959,
36.4095

■ 44.0229, 41.5946,
48.4313

■ 33.0628, 24.0722,
31.2203

■ 48.8634, 49.5716,
55.2979

■ 30.5035, 20.1904,
26.5545

■ 54.3393, 58.6962,
62.7563

■ 28.4385, 17.1871,
22.3922

■ 60.4735, 69.0117,
70.8216

■ 26.8304, 14.9909,
18.7117

■ 67.2877, 80.5592,
79.5083

■ 25.6363, 13.5190,
15.4893

■ 72.5271, 88.8267,
88.0718

■ 24.8035, 12.6689,
12.6973

■ 73.9920, 89.4126,
95.7859

■ 24.5080, 12.4031,
11.5966

■ 75.5411, 90.0323,
103.9434

■ 76.3158, 90.3422,
108.0233

Harmonies

Analogous

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



38.0244, 34.7175, 52.0400



39.7925, 34.7175, 42.1400



39.6523, 34.7175, 32.5576

Triad

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



39.7925, 34.7175, 42.1400



31.1122, 34.7175, 22.5760



28.7429, 34.7175, 53.2492

Complementary

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



39.7925, 34.7175, 42.1400



38.5443, 47.9911, 45.7620

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.



27.1331, 34.7175, 43.5802



39.7925, 34.7175, 42.1400



28.4352, 34.7175, 26.4304

Square

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



39.7925, 34.7175, 42.1400



34.4800, 34.7175, 22.3252



27.0245, 34.7175, 33.7714



31.5590, 34.7175, 59.1568

Rectangle

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



39.7925, 34.7175, 42.1400



38.4943, 34.7175, 27.5916



27.0245, 34.7175, 33.7714



28.0514, 34.7175, 50.2625

Sweetspot

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



39.7935, 34.7191, 42.1407



85.2553, 85.0435, 95.8846



36.7354, 32.8320, 56.0312



18.3725, 18.1323, 20.5788



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.



39.7935, 34.7191, 42.1407



67.3334, 55.8663, 69.3580



37.8710, 34.1546, 31.3865



10.2700, 10.1566, 11.5125



15.9708, 8.0781, 7.7583



0.7249, 0.3630, 0.5186

Inverse Universe

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



39.7935, 34.7191, 42.1407



67.3334, 55.8663, 69.3580



40.8574, 48.6185, 58.8610



10.2700, 10.1566, 11.5125



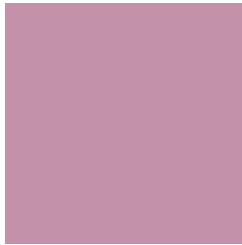
15.9708, 8.0781, 7.7583



0.7249, 0.3630, 0.5186

Previews

White Background



This preview shows how the XYZ color 39.7925, 34.7175, 42.1400 looks on a white background.

Color Contrast Check

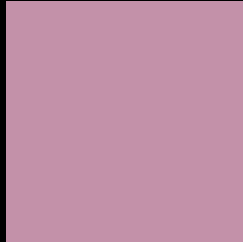
Large Text (above 18pt) WCAG AA × Fail

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 39.7925, 34.7175, 42.1400 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 39.7925, 34.7175, 42.1400

Background



This preview shows how black text looks on a background with the XYZ color 39.7925, 34.7175, 42.1400.



This preview shows how white text looks on a background with the XYZ color 39.7925, 34.7175,

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

39.7925, 34.7175, 42.1400

Protanopia

34.0673, 34.7961, 46.5158

Deuteranopia

35.4910, 34.8906, 41.4232



Tritanopia

38.8534, 34.8054, 37.0181

Trichromacy



Original Color

39.7925, 34.7175, 42.1400

Protanomaly

35.8258, 34.4964, 44.8146

Deuteranomaly

36.9569, 34.6637, 41.7887

Tritanomaly

39.0486, 34.6357, 38.8097

Monochromacy



Original Color

39.7925, 34.7175, 42.1400

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

36.3592, 35.6075, 40.5539

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.7925, 34.7175, 42.1400 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, 145, 169)` looks like.

```
.text, #text, p{  
    color:rgb(195, 145, 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(195, 145, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 145, 169) }
```

Border

The CSS property to change the border of an element to XYZ 39.7925, 34.7175, 42.1400 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, 145, 169) }
```


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

```
.border{ border-color:rgb(195, 145, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 145, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 145, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 145, 169);  
box-shadow:4px 4px 4px 4px rgb(195, 145,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 39.7925, 34.7175, 42.1400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 145, 169) }
```

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

```
.background{ background-color: rgb(195,  
145, 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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