

Converting Colors

XYZ(39.7938, 35.6005, 41.3608)

Have a look what the booklet for
XYZ(39.7938, 35.6005, 41.3608)
contains.

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Color

**XYZ(39.7148, 35.6224,
41.3418)**

Conversions

Conversions Part 1

Format	Color
Hex	C195A7
RGB	193, 149, 167
RGB Percent	76%, 58%, 65%
CMY	0.2431, 0.4157, 0.3451
CMYK	0.00, 0.23, 0.13, 0.24
HSL	335°, 26%, 67%
HSV	335°, 23%, 76%
XYZ	39.7148, 35.6224, 41.3418
YIQ	164.2080, 20.4460, 14.9260

Conversions

Conversions Part 2

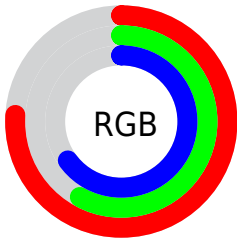
Format	Color
RYB	193, 149, 167
Decimal	12686759
CIELab	66.23, 19.36, -3.05
CIElCh	66, 19.599, 351.055
Yxy	35.6224, 0.3404, 0.3053
Android (android.graphics.Color)	4290876839 (0xFFC195A7)
YUV	164.2080, 1.3765, 25.2506
Hunter-Lab	59.6845, 14.3282, 0.7106

Details

The XYZ color **39.7148, 35.6224, 41.3418** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.2037, 47.6255, 47.6861**, and the grayscale version is **35.3733, 37.2155, 40.5277**.

A 20% lighter version of the original color is **73.9651, 68.3098, 78.3940**, and **18.1097, 15.4621, 18.2497** is the 20% darker color. If you saturate the color by 10%, you get **35.9024, 29.6110, 35.0964**, and if you desaturate by 10%, it is **44.1282, 42.6862, 48.2472**.

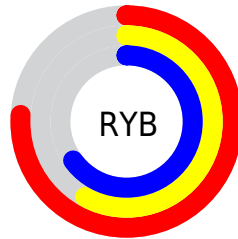
Distribution



Red (76%)

Green (58%)

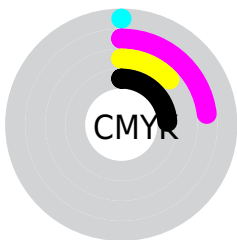
Blue (65%)



Red (76%)

Yellow (58%)

Blue (65%)

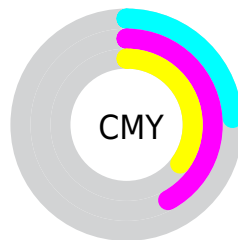


Cyan (0%)

Magenta (23%)

Yellow (13%)

Black (24%)



Cyan (24%)


Magenta (42%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.7148, 35.6224, 41.3418 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 39.7148, 35.6224, 41.3418 by changing the saturation by 10% instead.


 39.7148, 35.6224,
41.3418

 39.7148, 35.6224,
41.3418


336.0751,
327.3071, 367.4660

 27.4995, 24.1427,
28.2645


 74.0161, 68.4489,
78.4618

 18.0872, 15.4395,
18.2844


 96.8328, 90.5644,
103.3416

 11.1127, 9.1284,
10.9828


123.9141,
116.9940, 132.9927

 6.2105, 4.8250,
5.9413

155.6251,
148.1221, 167.8336

 3.0154, 2.1450,
2.7412

192.3314,
184.3331, 208.2828

 1.1619, 0.6897,
0.9641

234.3983,

 0.0760, 0.0000,

226.0113, 254.7589

0.0000

282.1910,
273.5412, 307.6805

■ 0.0000, 0.0000,
0.0000

■ 39.7148, 35.6224,
41.3418

■ 39.7148, 35.6224,
41.3418

■ 35.9024, 29.6110,
35.0964

■ 44.1282, 42.6862,
48.2472

■ 32.6607, 24.5964,
29.4879

■ 49.1651, 50.8449,
55.8303

■ 29.9613, 20.5251,
24.4949

■ 54.8505, 60.1445,
64.1107

■ 27.7717, 17.3368,
20.0938

■ 61.2071, 70.6268,
73.1066

■ 26.0561, 14.9640,
16.2593

■ 68.2563, 82.3318,
82.8354

■ 24.7735, 13.3292,
12.9634

■ 72.8107, 88.8808,
92.2447

■ 23.8752, 12.3398,
10.1751

■ 74.5162, 89.5630,
101.2259

■ 23.4018, 11.9013,
8.4505

■ 75.8025, 90.0775,
107.9992

Harmonies

Analogous

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



38.4168, 35.6224, 49.8014



39.7148, 35.6224, 41.3418



39.3747, 35.6224, 33.2900

Triad

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



39.7148, 35.6224, 41.3418



31.8800, 35.6224, 25.6287



30.4489, 35.6224, 52.6904

Complementary

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



39.7148, 35.6224, 41.3418



39.2037, 47.6255, 47.6861

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.



28.8823, 35.6224, 44.8575



39.7148, 35.6224, 41.3418



29.6749, 35.6224, 29.5291

Square

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



39.7148, 35.6224, 41.3418



34.7388, 35.6224, 24.9681



28.6074, 35.6224, 36.3392



32.9923, 35.6224, 56.9450

Rectangle

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



39.7148, 35.6224, 41.3418



38.2723, 35.6224, 29.1523



28.6074, 35.6224, 36.3392



29.7969, 35.6224, 50.3396

Sweetspot

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



39.7158, 35.6240, 41.3425



84.0231, 84.5134, 93.9819



37.9789, 34.4224, 55.0949



17.9080, 17.9401, 19.9852



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



39.7158, 35.6240, 41.3425



67.8402, 58.5910, 68.7236



38.7551, 36.1826, 33.3771



10.2402, 10.1447, 11.3552



15.6024, 7.9307, 5.8184



0.7083, 0.3563, 0.4314

Inverse Universe

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



39.7158, 35.6240, 41.3425



67.8402, 58.5910, 68.7236



40.2906, 46.7795, 57.3582



10.2402, 10.1447, 11.3552



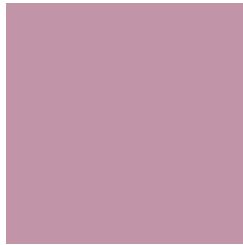
15.6024, 7.9307, 5.8184



0.7083, 0.3563, 0.4314

Previews

White Background



This preview shows how the XYZ color 39.7148, 35.6224, 41.3418 looks on a white background.

Color Contrast Check

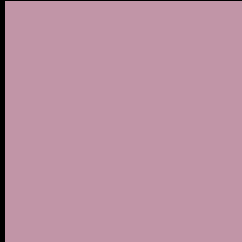
Large Text (above 18pt) WCAG AA × Fail

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 39.7148, 35.6224, 41.3418 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

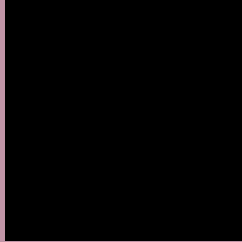
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.7148, 35.6224, 41.3418

Background



This preview shows how black text looks on a background with the XYZ color 39.7148, 35.6224, 41.3418.



This preview shows how white text looks on a background with the XYZ color 39.7148, 35.6224,

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

39.7148, 35.6224, 41.3418

Protanopia

34.7080, 35.6712, 45.1003

Deuteranopia

36.4506, 35.6441, 41.0352



Tritanopia

39.1662, 35.6278, 38.9950

Trichromacy



Original Color

39.7148, 35.6224, 41.3418

Protanomaly

36.2524, 35.4879, 43.4672

Deuteranomaly

37.5656, 35.4807, 40.9449

Tritanomaly

39.3454, 35.6995, 39.9389

Monochromacy



Original Color

39.7148, 35.6224, 41.3418

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

36.8689, 36.6268, 40.7238

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.7148, 35.6224, 41.3418 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(193, 149, 167)` looks like.

```
.text, #text, p{  
    color:rgb(193, 149, 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(193, 149, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 149, 167) }
```

Border

The CSS property to change the border of an element to XYZ 39.7148, 35.6224, 41.3418 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(193, 149, 167) }
```


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

```
.border{ border-color:rgb(193, 149, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 149, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 149, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 149, 167); box-shadow:4px 4px 4px 4px rgb(193, 149, 167) }
```

Background

The CSS property to change the background color of an element to XYZ 39.7148, 35.6224, 41.3418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 149, 167) }
```

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

```
.background{ background-color: rgb(193,  
149, 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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