

Converting Colors

XYZ(39.8400, 34.7399, 40.8121)

Have a look what the booklet for
XYZ(39.8400, 34.7399, 40.8121)
contains.

XYZ(39.7733, 34.7397, 40.6856)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(39.7733, 34.7397,
40.6856)**

Conversions

Conversions Part 1

Format	Color
Hex	C491A6
RGB	196, 145, 166
RGB Percent	77%, 57%, 65%
CMY	0.2314, 0.4314, 0.3490
CMYK	0.00, 0.26, 0.15, 0.23
HSL	335°, 30%, 67%
HSV	335°, 26%, 77%
XYZ	39.7733, 34.7397, 40.6856
YIQ	162.6430, 23.6550, 17.3430

Conversions

Conversions Part 2

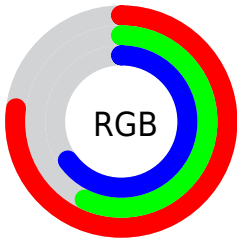
Format	Color
R_{YB}	196, 145, 166
Decimal	12882342
CIE _{Lab}	65.55, 22.50, -3.46
CIE _{LCh}	66, 22.760, 351.262
Y _{xy}	34.7397, 0.3453, 0.3016
Android (android.graphics.Color)	4291072422 (0xFFC491A6)
YUV	162.6430, 1.6550, 29.2541
Hunter-Lab	58.9404, 17.3071, 0.3313

Details

The XYZ color **39.7733, 34.7397, 40.6856** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.1563, 48.5957, 47.8758**, and the grayscale version is **34.6300, 36.4334, 39.6760**.

A 20% lighter version of the original color is **73.9826, 66.9500, 77.4299**, and **18.0245, 14.8830, 17.8423** is the 20% darker color. If you saturate the color by 10%, you get **36.0221, 28.8545, 34.4488**, and if you desaturate by 10%, it is **44.1380, 41.6993, 47.5956**.

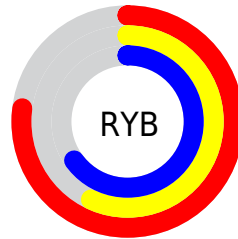
Distribution



Red (77%)

Green (57%)

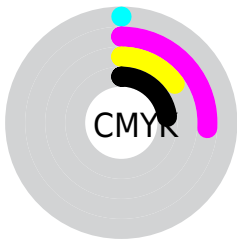
Blue (65%)



Red (77%)

Yellow (57%)

Blue (65%)

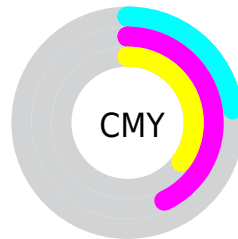


Cyan (0%)

Magenta (26%)

Yellow (15%)

Black (23%)



Cyan (23%)


Magenta (43%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.7733, 34.7397, 40.6856 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 39.7733, 34.7397, 40.6856 by changing the saturation by 10% instead.


 39.7733, 34.7397,
40.6856


 39.7733, 34.7397,
40.6856

336.3180,
323.4179, 364.6425

 27.5453, 23.4624,
27.7557


 74.1047, 67.0823,
77.4549

 18.1218, 14.9353,
17.9041


 96.9388, 88.9165,
102.1313

 11.1377, 8.7740,
10.7124


124.0389,
115.0384, 131.5602

 6.2275, 4.5941,
5.7621


155.7705,
145.8324, 166.1603

 3.0259, 2.0111,
2.6345

192.4988,
181.6830, 206.3500

 1.1675, 0.6139,
0.9102

234.5893,

 0.0804, 0.0000,

222.9745, 252.5480

0.0000

282.4072,
270.0913, 305.1726

■ 0.0000, 0.0000,
0.0000

■ 39.7733, 34.7397,
40.6856

■ 39.7733, 34.7397,
40.6856

■ 36.0221, 28.8545,
34.4488

■ 44.1380, 41.6993,
47.5956

■ 32.8525, 23.9850,
28.8611

■ 49.1402, 49.7788,
55.1974

■ 30.2339, 20.0740,
23.9000

■ 54.8063, 59.0267,
63.5115

■ 28.1318, 17.0564,
19.5407

■ 61.1602, 69.4875,
72.5569

■ 26.5073, 14.8594,
15.7563

■ 68.2246, 81.2030,
82.3518

■ 25.3157, 13.3981,
12.5171

■ 73.5469, 89.2646,
92.0889

■ 24.5011, 12.5658,
9.7889

■ 75.2693, 89.9535,
101.1589

■ 24.2391, 12.3254,
8.8270

■ 76.5752, 90.4759,
108.0354

Harmonies

Analogous

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



38.2792, 34.7397, 50.5247



39.7733, 34.7397, 40.6856



39.3647, 34.7397, 31.5475

Triad

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



39.7733, 34.7397, 40.6856



30.7472, 34.7397, 23.1588



29.1657, 34.7397, 54.0400

Complementary

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



39.7733, 34.7397, 40.6856



39.1563, 48.5957, 47.8758

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.



27.3948, 34.7397, 44.8859



39.7733, 34.7397, 40.6856



28.2643, 34.7397, 27.4555

Square

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



39.7733, 34.7397, 40.6856



34.0031, 34.7397, 22.4190



27.0763, 34.7397, 35.1029



32.0541, 34.7397, 59.0426

Rectangle

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



39.7733, 34.7397, 40.6856



38.0792, 34.7397, 26.9580



27.0763, 34.7397, 35.1029



28.4283, 34.7397, 51.2801

Sweetspot

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



39.7743, 34.7413, 40.6863



87.0115, 86.9189, 96.9844



37.7137, 33.3231, 56.6693



18.3195, 18.1111, 20.2994



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.



39.7743, 34.7413, 40.6863



68.2020, 56.8696, 67.3779



38.6641, 35.3558, 31.5764



10.2413, 10.1451, 11.3612



15.6151, 7.9358, 5.8853



0.7089, 0.3566, 0.4345

Inverse Universe

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



39.7743, 34.7413, 40.6863



68.2020, 56.8696, 67.3779



40.4368, 47.5958, 59.2807



10.2413, 10.1451, 11.3612



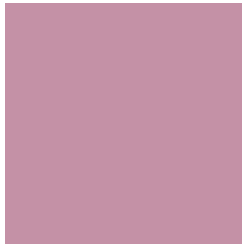
15.6151, 7.9358, 5.8853



0.7089, 0.3566, 0.4345

Previews

White Background



This preview shows how the XYZ color 39.7733, 34.7397, 40.6856 looks on a white background.

Color Contrast Check

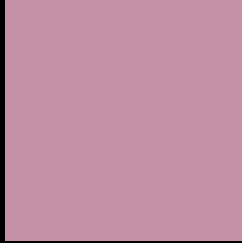
Large Text (above 18pt) WCAG AA × Fail

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 39.7733, 34.7397, 40.6856 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

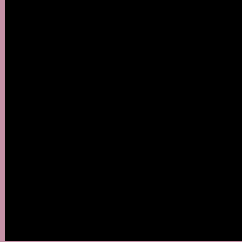
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.7733, 34.7397, 40.6856

Background



This preview shows how black text looks on a background with the XYZ color 39.7733, 34.7397, 40.6856.



This preview shows how white text looks on a background with the XYZ color 39.7733, 34.7397,

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

39.7733, 34.7397, 40.6856

Protanopia

33.9674, 34.7788, 44.9671

Deuteranopia

35.6558, 35.0073, 39.9998



Tritanopia

38.9561, 34.6285, 36.9785

Trichromacy



Original Color

39.7733, 34.7397, 40.6856

Protanomaly

35.7552, 34.4934, 43.3015

Deuteranomaly

36.9142, 34.6736, 40.3444

Tritanomaly

39.2176, 34.7331, 38.3554

Monochromacy



Original Color

39.7733, 34.7397, 40.6856

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

36.2685, 35.5712, 40.0763

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.7733, 34.7397, 40.6856 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(196, 145, 166)` looks like.

```
.text, #text, p{  
    color:rgb(196, 145, 166)  
}
```

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(196, 145, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 145, 166) }
```

Border

The CSS property to change the border of an element to XYZ 39.7733, 34.7397, 40.6856 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(196, 145, 166) }
```


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

```
.border{ border-color:rgb(196, 145, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 145, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 145, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 145, 166);  
box-shadow:4px 4px 4px 4px rgb(196, 145,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 39.7733, 34.7397, 40.6856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 145, 166) }
```

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

```
.background{ background-color: rgb(196,  
145, 166) }
```

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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