

Converting Colors

XYZ(39.7216, 34.8865, 41.9598)

Have a look what the booklet for
XYZ(39.7216, 34.8865, 41.9598)
contains.

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Color

**XYZ(39.6885, 34.8917,
42.1791)**

Conversions

Conversions Part 1

Format	Color
Hex	C292A9
RGB	194, 146, 169
RGB Percent	76%, 57%, 66%
CMY	0.2392, 0.4274, 0.3373
CMYK	0.00, 0.25, 0.13, 0.24
HSL	331°, 28%, 67%
HSV	331°, 25%, 76%
XYZ	39.6885, 34.8917, 42.1791
YIQ	162.9740, 21.2250, 17.3290

Conversions

Conversions Part 2

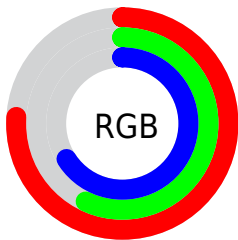
Format	Color
RYB	194, 146, 169
Decimal	12751529
CIELab	65.66, 21.72, -4.99
CIElCh	66, 22.285, 347.049
Yxy	34.8917, 0.3399, 0.2988
Android (android.graphics.Color)	4290941609 (0xFFC292A9)
YUV	162.9740, 2.9708, 27.2098
Hunter-Lab	59.0692, 16.5628, -0.9883

Details

The XYZ color **39.6885, 34.8917, 42.1791** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.4980, 47.6359, 45.6960**, and the grayscale version is **34.7808, 36.5921, 39.8488**.

A 20% lighter version of the original color is **73.8925, 67.1996, 79.5973**, and **18.1183, 15.0442, 18.7785** is the 20% darker color. If you saturate the color by 10%, you get **36.0358, 29.0459, 36.4607**, and if you desaturate by 10%, it is **43.9240, 41.7849, 48.4543**.

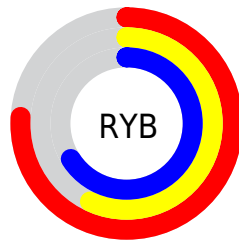
Distribution



Red (76%)

Green (57%)

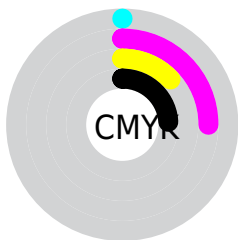
Blue (66%)



Red (76%)

Yellow (57%)

Blue (66%)

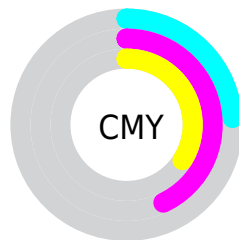


Cyan (0%)

Magenta (25%)

Yellow (13%)

Black (24%)



Cyan (24%)


Magenta (43%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.6885, 34.8917, 42.1791 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 39.6885, 34.8917, 42.1791 by changing the saturation by 10% instead.


 39.6885, 34.8917,
42.1791


 39.6885, 34.8917,
42.1791


335.9659,
324.0900, 371.0464

 27.4789, 23.5795,
28.9149


 73.9763, 67.3180,
79.7436

 18.0716, 15.0220,
18.7715


 96.7852, 89.2008,
104.8811

 11.1014, 8.8348,
11.3301


123.8579,
115.3759, 134.8134

 6.2029, 4.6336,
6.1724

155.5597,
146.2277, 169.9590

 3.0107, 2.0339,
2.8797

192.2561,
182.1407, 210.7366

 1.1594, 0.6271,
1.0335

234.3124,

 0.0740, 0.0000,

223.4991, 257.5647

0.0000

282.0938,
270.6874, 310.8618

■ 0.0000, 0.0000,
0.0000

■ 39.6885, 34.8917,
42.1791

■ 39.6885, 34.8917,
42.1791

■ 36.0358, 29.0459,
36.4607

■ 43.9240, 41.7849,
48.4543

■ 32.9356, 24.1908,
31.2798

■ 48.7648, 49.7691,
55.3005

■ 30.3594, 20.2717,
26.6187

■ 54.2355, 58.8909,
62.7339

■ 28.2747, 17.2266,
22.4580

■ 60.3588, 69.1930,
70.7695

■ 26.6453, 14.9858,
18.7765

■ 67.1560, 80.7159,
79.4216

■ 25.4293, 13.4687,
15.5506

■ 72.2395, 88.6819,
87.9013

■ 24.5763, 12.5778,
12.7537

■ 73.6973, 89.2650,
95.5781

■ 24.2220, 12.2589,
11.4342

■ 75.2387, 89.8816,
103.6950

■ 76.0584, 90.2095,
108.0112

Harmonies

Analogous

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



37.9907, 34.8917, 51.6556



39.6885, 34.8917, 42.1791



39.5572, 34.8917, 32.9439

Triad

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



39.6885, 34.8917, 42.1791



31.3509, 34.8917, 23.2229



29.0542, 34.8917, 52.7831

Complementary

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



39.6885, 34.8917, 42.1791



38.4980, 47.6359, 45.6960

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.



27.4988, 34.8917, 43.5292



39.6885, 34.8917, 42.1791



28.7636, 34.8917, 26.9777

Square

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



39.6885, 34.8917, 42.1791



34.5953, 34.8917, 22.9833



27.3960, 34.8917, 34.0900



31.7718, 34.8917, 58.4223

Rectangle

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



39.6885, 34.8917, 42.1791



38.4489, 34.8917, 28.1262



27.3960, 34.8917, 34.0900



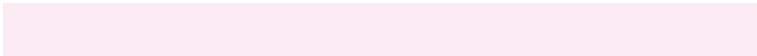
28.3861, 34.8917, 49.9289

Sweetspot

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



39.6895, 34.8933, 42.1798



86.1678, 86.5554, 97.1538



36.7690, 33.0901, 55.4886



18.7478, 18.7529, 21.1048



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.



39.6895, 34.8933, 42.1798



67.9844, 56.9156, 70.3546



37.8404, 34.3516, 31.8322



10.2697, 10.1565, 11.5106



15.9661, 8.0762, 7.7333



0.7247, 0.3629, 0.5175

Inverse Universe

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



39.6895, 34.8933, 42.1798



67.9844, 56.9156, 70.3546



40.7070, 48.2354, 58.2044



10.2697, 10.1565, 11.5106



15.9661, 8.0762, 7.7333



0.7247, 0.3629, 0.5175

Previews

White Background



This preview shows how the XYZ color 39.6885, 34.8917, 42.1791 looks on a white background.

Color Contrast Check

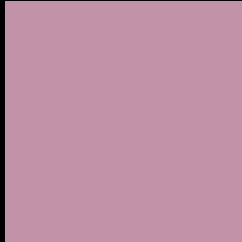
Large Text (above 18pt) WCAG AA × Fail

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 39.6885, 34.8917, 42.1791 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

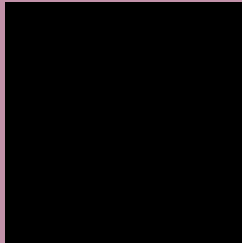
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.6885, 34.8917, 42.1791

Background



This preview shows how black text looks on a background with the XYZ color 39.6885, 34.8917, 42.1791.



This preview shows how white text looks on a background with the XYZ color 39.6885, 34.8917,

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

39.6885, 34.8917, 42.1791

Protanopia

34.4345, 35.2397, 46.5820

Deuteranopia

35.7097, 35.0034, 41.4334



Tritanopia

38.8402, 35.0205, 37.5134

Trichromacy



Original Color

39.6885, 34.8917, 42.1791

Protanomaly

35.9902, 34.8251, 44.8694

Deuteranomaly

37.1185, 34.9869, 41.8426

Tritanomaly

39.0369, 34.8492, 39.3194

Monochromacy



Original Color

39.6885, 34.8917, 42.1791

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

36.3041, 35.8292, 40.5996

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.6885, 34.8917, 42.1791 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(194, 146, 169)` looks like.

```
.text, #text, p{  
    color:rgb(194, 146, 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(194, 146, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 146, 169) }
```

Border

The CSS property to change the border of an element to XYZ 39.6885, 34.8917, 42.1791 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(194, 146, 169) }
```


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

```
.border{ border-color:rgb(194, 146, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 146, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 146, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 146, 169);  
box-shadow:4px 4px 4px 4px rgb(194, 146,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 39.6885, 34.8917, 42.1791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 146, 169) }
```

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

```
.background{ background-color: rgb(194,  
146, 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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