

Converting Colors

XYZ(43.8919, 31.7638, 39.3621)

Have a look what the booklet for
XYZ(43.8919, 31.7638, 39.3621)
contains.

XYZ(43.9394, 31.8375, 39.4267)	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(43.9394, 31.8375,
39.4267)**

Conversions

Conversions Part 1

Format	Color
Hex	DF78A5
RGB	223, 120, 165
RGB Percent	87%, 47%, 65%
CMY	0.1255, 0.5294, 0.3529
CMYK	0.00, 0.46, 0.26, 0.13
HSL	334°, 62%, 67%
HSV	334°, 46%, 87%
XYZ	43.9394, 31.8375, 39.4267
YIQ	155.9270, 46.9430, 35.8310

Conversions

Conversions Part 2

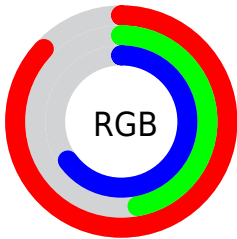
Format	Color
R _Y B	223, 120, 165
Decimal	14645413
CIE Lab	63.21, 45.20, -5.99
CIE LCh	63, 45.591, 352.456
Yxy	31.8375, 0.3814, 0.2764
Android (android.graphics.Color)	4292835493 (0xFFDF78A5)
YUV	155.9270, 4.4730, 58.8230
Hunter-Lab	56.4247, 40.2593, -1.9315

Details

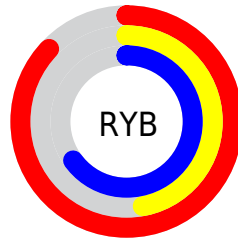
The XYZ color **43.9394, 31.8375, 39.4267** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **42.1708, 59.9836, 51.4778**, and the grayscale version is **31.5343, 33.1766, 36.1293**.

A 20% lighter version of the original color is **69.4882, 57.0873, 75.0667**, and **20.5048, 13.2059, 17.0911** is the 20% darker color. If you saturate the color by 10%, you get **40.4756, 26.6500, 32.9070**, and if you desaturate by 10%, it is **48.1417, 38.3219, 46.7470**.

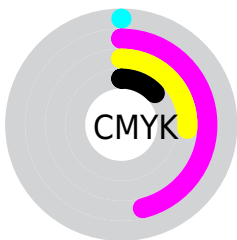
Distribution



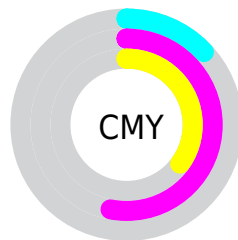
- Red (87%)
- Green (47%)
- Blue (65%)



- Red (87%)
- Yellow (47%)
- Blue (65%)



- Cyan (0%)
- Magenta (46%)
- Yellow (26%)
- Black (13%)





- Cyan (13%)
- Magenta (53%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.9394, 31.8375, 39.4267 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 43.9394, 31.8375, 39.4267 by changing the saturation by 10% instead.


 43.9394, 31.8375,
39.4267


 43.9394, 31.8375,
39.4267


353.3173,
310.3783, 359.1812


 30.8206, 21.2374,
26.7815

 80.3735, 62.5563,
75.5172

 20.6134, 13.2977,
17.1782


 104.4194, 83.4437,
99.7996

 12.9526, 7.6338,
10.1983


 132.8384,
108.5291, 128.7981

 7.4727, 3.8616,
5.4233

165.9959,
138.1967, 162.9312

 3.8084, 1.5964,
2.4347

204.2572,
172.8311, 202.6176

 1.5943, 0.3552,
0.8052

247.9876,

 0.3887, 0.0000,

212.8166, 248.2757

0.0000

297.5525,
258.5375, 300.3240

■ 0.0000, 0.0000,
0.0000

■ 43.9394, 31.8375,
39.4267

■ 43.9394, 31.8375,
39.4267

■ 40.4756, 26.6500,
32.9070

■ 48.1417, 38.3219,
46.7470

■ 37.7004, 22.6655,
27.1543

■ 53.1227, 46.1792,
54.8956

■ 35.5616, 19.7847,
22.1352


■ 58.9227, 55.4851,
63.9009


■ 33.9977, 17.8904,
17.8114


■ 65.5782, 66.3084,
73.7891


■ 32.9326, 16.8362,
14.1393

■ 73.1238, 78.7134,
84.5854

 32.6089, 16.5590,
12.8901

 81.5918, 92.7607,
96.3137

 83.9062, 94.2939,
106.6283

 84.2415, 94.4280,
108.3942

Harmonies

Analogous

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



40.9260, 31.8375, 60.4180



43.9394, 31.8375, 39.4267



42.9036, 31.8375, 23.0235

Triad

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



43.9394, 31.8375, 39.4267



25.8623, 31.8375, 11.4610



23.4582, 31.8375, 70.1224

Complementary

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



43.9394, 31.8375, 39.4267



42.1708, 59.9836, 51.4778

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.



20.3829, 31.8375, 49.6898



43.9394, 31.8375, 39.4267



21.6305, 31.8375, 17.5212

Square

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



43.9394, 31.8375, 39.4267



31.8803, 31.8375, 10.3818



19.7636, 31.8375, 30.3042



28.6967, 31.8375, 81.7306

Rectangle

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



43.9394, 31.8375, 39.4267



40.1148, 31.8375, 16.1146



19.7636, 31.8375, 30.3042



22.1687, 31.8375, 63.7790

Sweetspot

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



43.9403, 31.8391, 39.4273



81.6302, 78.0719, 89.2856



38.0890, 28.0685, 73.2225



17.0745, 16.0671, 18.5099



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.



43.9403, 31.8391, 39.4273



55.1808, 36.5999, 45.2411



41.1754, 31.7509, 21.7296



13.9547, 13.7995, 15.5315



19.2280, 9.7582, 7.8666



1.3772, 0.6941, 0.7790

Inverse Universe

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



43.9403, 31.8391, 39.4273



55.1808, 36.5999, 45.2411



46.0986, 59.3866, 78.8454



13.9547, 13.7995, 15.5315



19.2280, 9.7582, 7.8666



1.3772, 0.6941, 0.7790

Previews

White Background



This preview shows how the XYZ color 43.9394, 31.8375, 39.4267 looks on a white background.

Color Contrast Check

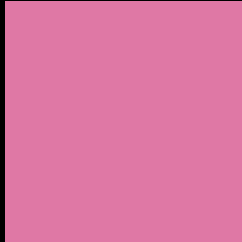
Large Text (above 18pt) WCAG AA × Fail

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 43.9394, 31.8375, 39.4267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

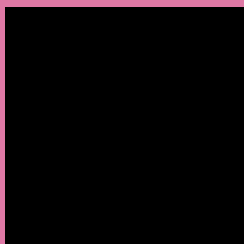
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.9394, 31.8375, 39.4267

Background



This preview shows how black text looks on a background with the XYZ color 43.9394, 31.8375, 39.4267.



This preview shows how white text looks on a background with the XYZ color 43.9394, 31.8375,

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

43.9394, 31.8375, 39.4267

Protanopia

31.9452, 32.1126, 50.9690

Deuteranopia

32.6097, 32.0323, 37.7218



Tritanopia

41.3492, 31.8866, 26.8971

Trichromacy



Original Color

43.9394, 31.8375, 39.4267

Protanomaly

34.8695, 30.9692, 46.2593

Deuteranomaly

35.8598, 31.2247, 38.3194

Tritanomaly

42.2148, 31.8628, 31.1193

Monochromacy



Original Color

43.9394, 31.8375, 39.4267

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

34.9029, 31.8514, 37.1092

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.9394, 31.8375, 39.4267 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(223, 120, 165)` looks like.

```
.text, #text, p{  
    color:rgb(223, 120, 165)  
}
```

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(223, 120, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 120, 165) }
```

Border

The CSS property to change the border of an element to XYZ 43.9394, 31.8375, 39.4267 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(223, 120, 165) }
```


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

```
.border{ border-color:rgb(223, 120, 165) }
```

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

Here you see how a box with a 4 pixel rgb(223, 120, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 120, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 120, 165);  
box-shadow:4px 4px 4px 4px rgb(223, 120,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 43.9394, 31.8375, 39.4267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 120, 165) }
```

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

```
.background{ background-color: rgb(223,  
120, 165) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor