

Converting Colors

XYZ(39.0691, 33.3489, 31.9666)

Have a look what the booklet for
XYZ(39.0691, 33.3489, 31.9666)
contains.

XYZ(39.2731, 33.5593, 32.0114)	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(39.2731, 33.5593,
32.0114)**

Conversions

Conversions Part 1

Format	Color
Hex	CB8C93
RGB	203, 140, 147
RGB Percent	80%, 55%, 58%
CMY	0.2039, 0.4510, 0.4235
CMYK	0.00, 0.31, 0.28, 0.20
HSL	353°, 38%, 67%
HSV	353°, 31%, 80%
XYZ	39.2731, 33.5593, 32.0114
YIQ	159.6350, 35.3010, 15.5330

Conversions

Conversions Part 2

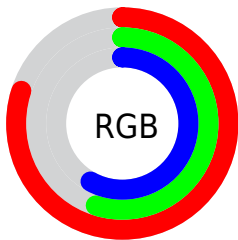
Format	Color
R _Y B	203, 140, 147
Decimal	13339795
CIE Lab	64.61, 24.95, 6.00
CIE LCh	65, 25.659, 13.516
Yxy	33.5593, 0.3746, 0.3201
Android (android.graphics.Color)	4291529875 (0xFFCB8C93)
YUV	159.6350, -6.2291, 38.0311
Hunter-Lab	57.9304, 19.6334, 7.7886

Details

The XYZ color **39.2731, 33.5593, 32.0114** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.1364, 52.2735, 60.0962**, and the grayscale version is **33.2628, 34.9951, 38.1097**.

A 20% lighter version of the original color is **71.0744, 64.0606, 63.8772**, and **17.7627, 14.2109, 13.1160** is the 20% darker color. If you saturate the color by 10%, you get **35.2692, 27.6425, 24.2299**, and if you desaturate by 10%, it is **44.0482, 40.6625, 41.1466**.

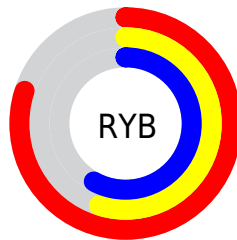
Distribution



Red (80%)

Green (55%)

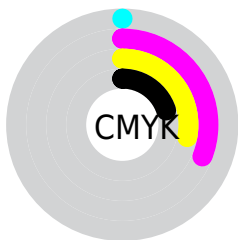
Blue (58%)



Red (80%)

Yellow (55%)

Blue (58%)

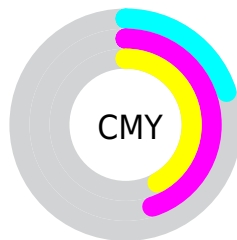


Cyan (0%)

Magenta (31%)

Yellow (28%)

Black (20%)



Cyan (20%)


Magenta (45%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.2731, 33.5593, 32.0114 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 39.2731, 33.5593, 32.0114 by changing the saturation by 10% instead.


 39.2731, 33.5593,
32.0114


 39.2731, 33.5593,
32.0114


334.2374,
318.1625, 325.6655


 27.1539, 22.5552,
21.1053


 73.3467, 65.2478,
63.9271

 17.8260, 14.2655,
13.0090


 96.0319, 86.7009,
85.7737

 10.9241, 8.3055,
7.3040


 122.9698,
112.4060, 112.1044

 6.0827, 4.2911,
3.5716

154.5258,
142.7472, 143.3375

 2.9366, 1.8377,
1.3934

191.0652,
178.1091, 179.8916

 1.1203, 0.5105,
0.1366

232.9533,

 0.0420, 0.0000,

218.8760, 222.1853

0.0000

280.5556,
265.4324, 270.6371

■ 0.0000, 0.0000,
0.0000

■ 39.2731, 33.5593,
32.0114

■ 39.2731, 33.5593,
32.0114

■ 35.2692, 27.6425,
24.2299

■ 44.0482, 40.6625,
41.1466

■ 31.9932, 22.8429,
17.7357

■ 49.6292, 49.0068,
51.6937

■ 29.4019, 19.0916,
12.4597

■ 56.0521, 58.6493,
63.7097

■ 27.4464, 16.3100,
8.3256

■ 63.3497, 69.6421,
77.2481

■ 26.0708, 14.4084,
5.2482

■ 71.5534, 82.0346,
92.3597

■ 25.2099, 13.2805,
3.1305

■ 78.4386, 91.4365,
108.1226

■ 24.7787, 12.7566,
1.9431

Harmonies

Analogous

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



39.1644, 33.5593, 42.5888



39.2731, 33.5593, 32.0114



37.3009, 33.5593, 24.3016

Triad

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



39.2731, 33.5593, 32.0114



27.2746, 33.5593, 23.7413



29.9338, 33.5593, 59.5850

Complementary

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



39.2731, 33.5593, 32.0114



42.1364, 52.2735, 60.0962

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.



27.0421, 33.5593, 52.3221



39.2731, 33.5593, 32.0114



25.5895, 33.5593, 31.0936

Square

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



39.2731, 33.5593, 32.0114



30.2738, 33.5593, 20.1837



25.5078, 33.5593, 41.4776



33.5774, 33.5593, 59.9615

Rectangle

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



39.2731, 33.5593, 32.0114



35.1533, 33.5593, 21.2544



25.5078, 33.5593, 41.4776



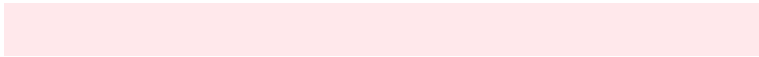
28.8485, 33.5593, 57.8129

Sweetspot

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



39.2740, 33.5609, 32.0121



85.0481, 84.9764, 90.2131



42.8325, 34.7585, 60.9514



17.8817, 17.7056, 18.7045



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.



39.2740, 33.5609, 32.0121



61.2866, 49.5727, 44.9301



42.6655, 41.1960, 30.5160



11.2621, 11.2336, 11.9150



15.7861, 8.1250, 1.3261



0.8318, 0.4261, 0.1604

Inverse Universe

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



39.2740, 33.5609, 32.0121



61.2866, 49.5727, 44.9301



37.6861, 42.0687, 62.6337



11.2621, 11.2336, 11.9150



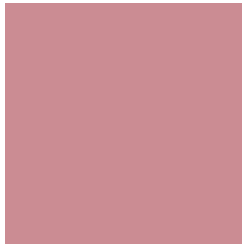
15.7861, 8.1250, 1.3261



0.8318, 0.4261, 0.1604

Previews

White Background



This preview shows how the XYZ color 39.2731, 33.5593, 32.0114 looks on a white background.

Color Contrast Check

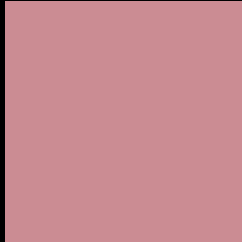
Large Text (above 18pt) WCAG AA × Fail

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 39.2731, 33.5593, 32.0114 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 39.2731, 33.5593, 32.0114

Background



This preview shows how black text looks on a background with the XYZ color 39.2731, 33.5593, 32.0114.



This preview shows how white text looks on a background with the XYZ color 39.2731, 33.5593,

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

39.2731, 33.5593, 32.0114

Protanopia

32.3864, 33.6508, 36.2408

Deuteranopia

34.4705, 33.8479, 31.5046



Tritanopia

39.5117, 33.6547, 33.2677

Trichromacy



Original Color

39.2731, 33.5593, 32.0114

Protanomaly

34.5606, 33.3427, 34.7512

Deuteranomaly

36.0279, 33.6942, 31.7989

Tritanomaly

39.4315, 33.6226, 32.8453

Monochromacy



Original Color

39.2731, 33.5593, 32.0114

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

35.2121, 34.3791, 35.7903

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2731, 33.5593, 32.0114 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(203, 140, 147)` looks like.

```
.text, #text, p{  
    color:rgb(203, 140, 147)  
}
```

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(203, 140, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 140, 147) }
```

Border

The CSS property to change the border of an element to XYZ 39.2731, 33.5593, 32.0114 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(203, 140, 147) }
```


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

```
.border{ border-color:rgb(203, 140, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 140, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 140, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 140, 147);  
box-shadow:4px 4px 4px 4px rgb(203, 140,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2731, 33.5593, 32.0114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 140, 147) }
```

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

```
.background{ background-color: rgb(203,  
140, 147) }
```

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