

Converting Colors

XYZ(32.1151, 18.4394, 39.8967)

Have a look what the booklet for
XYZ(32.1151, 18.4394, 39.8967)
contains.

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Color

**XYZ(32.1151, 18.4394,
39.8967)**

Conversions

Conversions Part 1

Format	Color
Hex	C540AA
RGB	197, 64, 170
RGB Percent	77%, 25%, 67%
CMY	0.2274, 0.7490, 0.3333
CMYK	0.00, 0.68, 0.14, 0.23
HSL	312°, 53%, 51%
HSV	312°, 68%, 77%
XYZ	32.1151, 18.4394, 39.8967
YIQ	115.8510, 45.2420, 61.1620

Conversions

Conversions Part 2

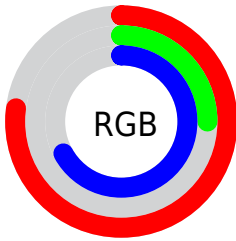
Format	Color
R_{YB}	197, 64, 170
Decimal	12927146
CIE _{Lab}	50.02, 63.66, -29.28
CIE _{LCh}	50, 70.073, 335.301
Yxy	18.4394, 0.3551, 0.2039
Android (android.graphics.Color)	4291117226 (0xFFC540AA)
YUV	115.8510, 26.6955, 71.1677
Hunter-Lab	42.9411, 58.3508, -25.0277

Details

The XYZ color **32.1151, 18.4394, 39.8967** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **23.9699, 41.7786, 16.6999**, and the grayscale version is **16.4671, 17.3246, 18.8665**.

A 20% lighter version of the original color is **61.8048, 40.4257, 76.4970**, and **14.0261, 6.8598, 17.4144** is the 20% darker color. If you saturate the color by 10%, you get **30.8214, 16.4480, 37.6271**, and if you desaturate by 10%, it is **33.8138, 21.2217, 42.3584**.

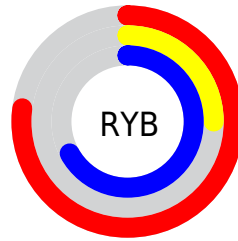
Distribution



Red (77%)

Green (25%)

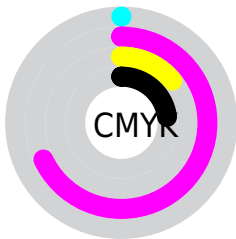
Blue (67%)



Red (77%)

Yellow (25%)

Blue (67%)

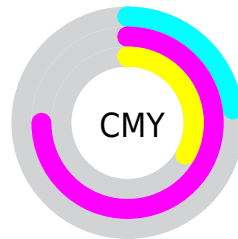


Cyan (0%)

Magenta (68%)

Yellow (14%)

Black (23%)



Cyan (23%)


Magenta (75%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.1151, 18.4394, 39.8967 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 32.1151, 18.4394, 39.8967 by changing the saturation by 10% instead.

 32.1151, 18.4394,
39.8967


 32.1151, 18.4394,
39.8967


303.3792,
243.3362, 361.2271

 21.6054, 11.2659,
27.1448


 62.3555, 40.7846,
76.2416


 13.6822, 6.2460,
17.4486

 82.8168, 56.7252,
100.6716


 7.9802, 2.9952,
10.3895


 107.3262, 76.3569,
129.8315

 4.1340, 1.1292,
5.5490

 136.2488,
100.0641, 164.1398

 1.7782, 0.0027,
2.5085

 169.9500,
128.2312, 204.0149

 0.5045, 0.0000,
0.8447

208.7953,

 0.0000, 0.0000,

161.2427, 249.8755

0.0000

253.1499,
199.4829, 302.1400

■ 32.1151, 18.4394,
39.8967

■ 32.1151, 18.4394,
39.8967

■ 30.8214, 16.4480,
37.6271

■ 33.8138, 21.2217,
42.3584

■ 29.8872, 15.1577,
35.5335

■ 35.9529, 24.8664,
45.0240

■ 29.2512, 14.4456,
33.5951

■ 38.5659, 29.4403,
47.9053

■ 29.1125, 14.3050,
33.1276

■ 41.6825, 35.0026,
51.0128

■ 45.3301, 41.6078,
54.3560

■ 49.5340, 49.3063,
57.9438

■ 54.3177, 58.1452,
61.7846

■ 59.7036, 68.1689,
65.8862

■ 65.7128, 79.4194,
70.2561

Harmonies

Analogous

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



26.1222, 18.4394, 68.0842



32.1151, 18.4394, 39.8967



33.8356, 18.4394, 16.8432

Triad

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



32.1151, 18.4394, 39.8967



16.3571, 18.4394, 1.1643



8.9414, 18.4394, 50.0279

Complementary

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



32.1151, 18.4394, 39.8967



23.9699, 41.7786, 16.6999

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.



7.5375, 18.4394, 23.7011



32.1151, 18.4394, 39.8967



11.0589, 18.4394, 2.4740

Square

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



32.1151, 18.4394, 39.8967



23.5114, 18.4394, 1.7191



8.1993, 18.4394, 8.2280



12.6540, 18.4394, 76.1119

Rectangle

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



32.1151, 18.4394, 39.8967



32.0292, 18.4394, 8.0349



8.1993, 18.4394, 8.2280



8.2339, 18.4394, 40.4569

Sweetspot

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



32.1157, 18.4403, 39.8971



79.2603, 71.0167, 95.6332



16.1875, 9.9030, 53.8822



16.5614, 14.4690, 20.1017



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.



32.1157, 18.4403, 39.8971



54.3341, 28.2184, 65.5777



27.3539, 16.5356, 14.8214



10.9873, 10.7783, 12.9162



19.1790, 9.4212, 21.9503



0.9322, 0.4557, 1.1660

Inverse Universe

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



32.1157, 18.4403, 39.8971



54.3341, 28.2184, 65.5777



28.1758, 43.4610, 38.8481



10.9873, 10.7783, 12.9162



19.1790, 9.4212, 21.9503



0.9322, 0.4557, 1.1660

Previews

White Background



This preview shows how the XYZ color 32.1151, 18.4394, 39.8967 looks on a white background.

Color Contrast Check

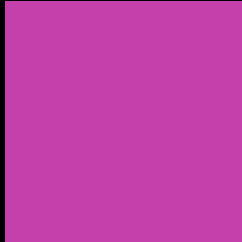
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.1151, 18.4394, 39.8967 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

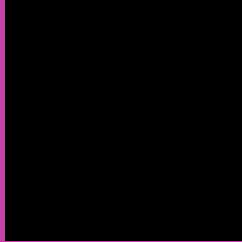
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.1151, 18.4394, 39.8967

Background



This preview shows how black text looks on a background with the XYZ color 32.1151, 18.4394, 39.8967.



This preview shows how white text looks on a background with the XYZ color 32.1151, 18.4394,

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

32.1151, 18.4394, 39.8967

Protanopia

21.1306, 18.7623, 66.1261

Deuteranopia

19.0634, 18.6913, 36.7854



Tritanopia

26.3702, 18.4255, 12.5225

Trichromacy



Original Color

32.1151, 18.4394, 39.8967



Protanomaly

21.9390, 16.4782, 55.4504



Deuteranomaly

21.9744, 17.0274, 37.7258



Tritanomaly

27.9854, 18.1789, 20.1230

Monochromacy



Original Color

32.1151, 18.4394, 39.8967



Achromatopsia

16.6002, 17.4647, 19.0191



Achromatomaly

20.3957, 16.3467, 25.3728

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.1151, 18.4394, 39.8967 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(197, 64, 170)` looks like.

```
.text, #text, p{  
    color:rgb(197, 64, 170)  
}
```

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(197, 64, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 64, 170) }
```

Border

The CSS property to change the border of an element to XYZ 32.1151, 18.4394, 39.8967 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(197, 64, 170) }
```


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

```
.border{ border-color:rgb(197, 64, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 64, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 64, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 64, 170);  
box-shadow:4px 4px 4px 4px rgb(197, 64,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 32.1151, 18.4394, 39.8967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 64, 170) }
```

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

```
.background{ background-color: rgb(197, 64,  
170) }
```

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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