

Converting Colors

XYZ(32.1492, 19.3954, 39.5656)

Have a look what the booklet for
XYZ(32.1492, 19.3954, 39.5656)
contains.

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Color

**XYZ(32.1159, 19.3642,
39.5811)**

Conversions

Conversions Part 1

Format	Color
Hex	C34AA9
RGB	195, 74, 169
RGB Percent	76%, 29%, 66%
CMY	0.2353, 0.7098, 0.3373
CMYK	0.00, 0.62, 0.13, 0.24
HSL	313°, 50%, 53%
HSV	313°, 62%, 76%
XYZ	32.1159, 19.3642, 39.5811
YIQ	121.0090, 41.6210, 55.1970

Conversions

Conversions Part 2

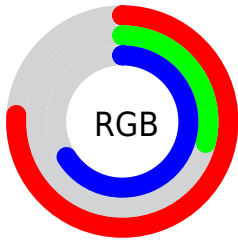
Format	Color
R_{YB}	195, 74, 169
Decimal	12798633
CIE _{Lab}	51.11, 58.99, -27.03
CIE _{LCh}	51, 64.883, 335.380
Yxy	19.3642, 0.3527, 0.2127
Android (android.graphics.Color)	4290988713 (0xFFC34AA9)
YUV	121.0090, 23.6596, 64.8901
Hunter-Lab	44.0048, 53.2659, -22.5264

Details

The XYZ color **32.1159, 19.3642, 39.5811** 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 **24.6403, 41.4069, 18.7518**, and the grayscale version is **18.0943, 19.0366, 20.7308**.

A 20% lighter version of the original color is **62.3102, 42.4179, 75.4244**, and **13.7030, 6.7093, 17.4024** is the 20% darker color. If you saturate the color by 10%, you get **30.6230, 16.9976, 37.1736**, and if you desaturate by 10%, it is **34.0261, 22.5445, 42.1902**.

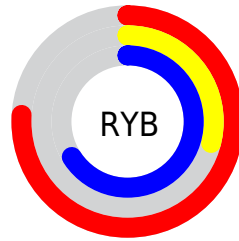
Distribution



Red (76%)

Green (29%)

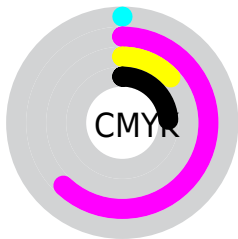
Blue (66%)



Red (76%)

Yellow (29%)

Blue (66%)

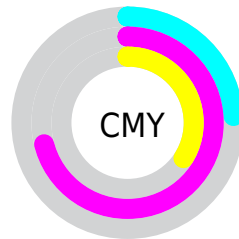


Cyan (0%)

Magenta (62%)

Yellow (13%)

Black (24%)



Cyan (24%)


Magenta (71%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.1159, 19.3642, 39.5811 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 32.1159, 19.3642, 39.5811 by changing the saturation by 10% instead.

 32.1159, 19.3642,
39.5811


 32.1159, 19.3642,
39.5811

303.3828,
248.4520, 359.8543


 21.6060, 11.9337,
26.9008


 62.3567, 42.3486,
75.7553


 13.6827, 6.6986,
17.2669


 82.8183, 58.6713,
100.0863

 7.9805, 3.2743,
10.2610

 107.3279, 78.7270,
129.1379

 4.1342, 1.2766,
5.4645

 136.2509,
102.8999, 163.3286

 1.7783, 0.1230,
2.4588

 169.9524,
131.5744, 203.0771

 0.5046, 0.0000,
0.8182

208.7981,

 0.0000, 0.0000,

165.1350, 248.8019

0.0000

253.1531,
203.9661, 300.9214

■ 32.1159, 19.3642,
39.5811

■ 32.1159, 19.3642,
39.5811

■ 30.6230, 16.9976,
37.1736

■ 34.0261, 22.5445,
42.1902

■ 29.5066, 15.3644,
34.9532

■ 36.3856, 26.6033,
45.0117

■ 28.7212, 14.3732,
32.9040

■ 39.2252, 31.6020,
48.0565

■ 28.2637, 13.9054,
31.3736

■ 42.5727, 37.5957,
51.3346

■ 46.4536, 44.6352,
54.8549

■ 50.8917, 52.7680,
58.6258

■ 55.9092, 62.0384,
62.6555

■ 61.5272, 72.4885,
66.9513

■ 67.7658, 84.1581,
71.5205

Harmonies

Analogous

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



26.5475, 19.3642, 65.2398



32.1159, 19.3642, 39.5811



33.6938, 19.3642, 17.9303

Triad

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



32.1159, 19.3642, 39.5811



17.2681, 19.3642, 1.8172



10.0415, 19.3642, 49.0104

Complementary

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



32.1159, 19.3642, 39.5811



24.6403, 41.4069, 18.7518

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.



8.6234, 19.3642, 24.5881



32.1159, 19.3642, 39.5811



12.1252, 19.3642, 3.3720

Square

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



32.1159, 19.3642, 39.5811



24.0616, 19.3642, 2.4840



9.2859, 19.3642, 9.4911



13.7128, 19.3642, 72.5599

Rectangle

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



32.1159, 19.3642, 39.5811



32.0153, 19.3642, 9.2427



9.2859, 19.3642, 9.4911



9.3300, 19.3642, 40.2341

Sweetspot

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



32.1165, 19.3651, 39.5815



78.0647, 70.6154, 93.6326



17.3587, 11.4466, 52.9248



16.6745, 14.7040, 20.1123



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.



32.1165, 19.3651, 39.5815



54.1575, 29.4026, 65.3109



27.7861, 17.6330, 16.7779



10.4016, 10.2093, 12.2054



18.4017, 9.0504, 20.5591



0.8188, 0.4005, 1.0130

Inverse Universe

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



32.1165, 19.3651, 39.5815



54.1575, 29.4026, 65.3109



28.5720, 42.9796, 39.4556



10.4016, 10.2093, 12.2054



18.4017, 9.0504, 20.5591



0.8188, 0.4005, 1.0130

Previews

White Background



This preview shows how the XYZ color 32.1159, 19.3642, 39.5811 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 32.1159, 19.3642, 39.5811 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

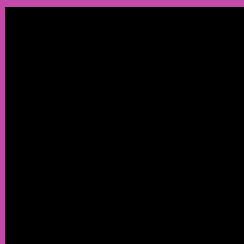
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.1159, 19.3642, 39.5811

Background



This preview shows how black text looks on a background with the XYZ color 32.1159, 19.3642, 39.5811.



This preview shows how white text looks on a background with the XYZ color 32.1159, 19.3642,

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

32.1159, 19.3642, 39.5811

Protanopia

21.6948, 19.8676, 61.0839

Deuteranopia

20.0481, 19.5523, 36.8997



Tritanopia

26.9055, 19.4209, 14.1349

Trichromacy



Original Color

32.1159, 19.3642, 39.5811



Protanomaly

23.0801, 17.9864, 52.7073



Deuteranomaly

22.9695, 18.2567, 37.9106



Tritanomaly

28.4517, 19.1872, 21.2727

Monochromacy



Original Color

32.1159, 19.3642, 39.5811



Achromatopsia

18.1737, 19.1202, 20.8219



Achromatomaly

21.7505, 18.0315, 26.3788

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.1159, 19.3642, 39.5811 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(195, 74, 169)` looks like.

```
.text, #text, p{  
    color:rgb(195, 74, 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(195, 74, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 74, 169) }
```

Border

The CSS property to change the border of an element to XYZ 32.1159, 19.3642, 39.5811 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(195, 74, 169) }
```


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

```
.border{ border-color:rgb(195, 74, 169) }
```

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

Here you see how a box with a 4 pixel rgb(195, 74, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 74, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 74, 169);  
box-shadow:4px 4px 4px 4px rgb(195, 74,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 32.1159, 19.3642, 39.5811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 74, 169) }
```

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

```
.background{ background-color: rgb(195, 74,  
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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