

Converting Colors

XYZ(39.0845, 19.4279, 34.3985)

Have a look what the booklet for
XYZ(39.0845, 19.4279, 34.3985)
contains.

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Color

**XYZ(39.2130, 19.4921,
34.4965)**

Conversions

Conversions Part 1

Format	Color
Hex	E7009F
RGB	231, 0, 159
RGB Percent	91%, 0%, 62%
CMY	0.0941, 0.9998, 0.3765
CMYK	0.00, 1.00, 0.31, 0.09
HSL	319°, 100%, 45%
HSV	319°, 100%, 91%
XYZ	39.2130, 19.4921, 34.4965
YIQ	87.1950, 86.6370, 98.4210

Conversions

Conversions Part 2

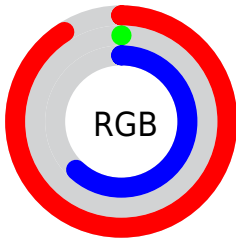
Format	Color
R_YB	231, 0, 159
Decimal	15138975
CIE _{Lab}	51.26, 82.32, -20.38
CIE _{LCh}	51, 84.801, 346.093
Yxy	19.4921, 0.4207, 0.2091
Android (android.graphics.Color)	4293329055 (0xFFE7009F)
YUV	87.1950, 35.3999, 126.1170
Hunter-Lab	44.1499, 81.2778, -15.4214

Details

The XYZ color **39.2130, 19.4921, 34.4965** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **29.7478, 57.6207, 15.6929**, and the grayscale version is **9.0198, 9.4895, 10.3340**.

A 20% lighter version of the original color is **57.5605, 34.4808, 67.2400**, and **19.2314, 9.6076, 14.7508** is the 20% darker color. If you saturate the color by 10%, you get **39.2118, 19.4917, 34.4900**, and if you desaturate by 10%, it is **40.1658, 20.3682, 37.9880**.

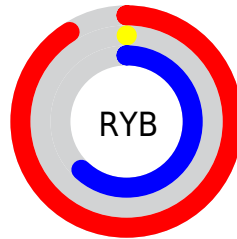
Distribution



Red (91%)

Green (0%)

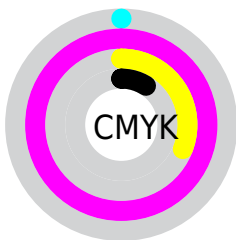
Blue (62%)



Red (91%)

Yellow (0%)

Blue (62%)

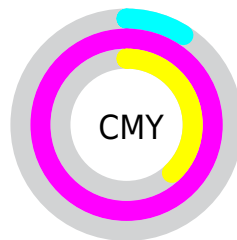


Cyan (0%)

Magenta (100%)

Yellow (31%)

Black (9%)



Cyan (9%)


Magenta (100%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.2130, 19.4921, 34.4965 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 39.2130, 19.4921, 34.4965 by changing the saturation by 10% instead.

 39.2130, 19.4921,
34.4965


 39.2130, 19.4921,
34.4965


333.9868,
249.1521, 337.1768


 27.1069, 12.0264,
22.9948


 73.2556, 42.5640,
67.8477


 17.7906, 6.7617,
14.3844


 95.9228, 58.9390,
90.5344


 10.8985, 3.3135,
8.2467


 122.8412, 79.0525,
117.7864

 6.0654, 1.2975,
4.1632

 154.3760,
103.2890, 150.0224

 2.9259, 0.1393,
1.7153

 190.8926,
132.0328, 187.6609

 1.1147, 0.0000,
0.3712

 232.7563,

 0.0374, 0.0000,

165.6683, 231.1205

0.0000

280.3326,
204.5800, 280.8196

■ 0.0000, 0.0000,
0.0000

■ 39.2130, 19.4921,
34.4965

■ 39.2130, 19.4921,
34.4965

■ 39.2118, 19.4917,
34.4900

■ 40.1658, 20.3682,
37.9880

■ 41.5236, 21.9950,
41.7970

■ 43.4045, 24.6079,
45.9658

■ 45.8772, 28.3433,
50.5202

■ 48.9995, 33.3159,
55.4823

■ 52.8220, 39.6262,
60.8715

■ 57.3903, 47.3642,
66.7058

■ 62.7459, 56.6123,
73.0014

■ 68.9272, 67.4464,
79.7739

Harmonies

Analogous

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



32.8819, 19.4921, 72.6568



39.2130, 19.4921, 34.4965



38.9489, 19.4921, 10.7564

Triad

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



39.2130, 19.4921, 34.4965



14.3755, 19.4921, 0.4823



9.3845, 19.4921, 75.5477

Complementary

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



39.2130, 19.4921, 34.4965



29.7478, 57.6207, 15.6929

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.



6.8848, 19.4921, 36.9234



39.2130, 19.4921, 34.4965



9.1085, 19.4921, 2.5410

Square

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



39.2130, 19.4921, 34.4965



22.7153, 19.4921, 0.4237



6.8022, 19.4921, 11.8845



14.8874, 19.4921, 106.0939

Rectangle

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



39.2130, 19.4921, 34.4965



35.0139, 19.4921, 3.9140



6.8022, 19.4921, 11.8845



8.2499, 19.4921, 62.1661

Sweetspot

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



39.2136, 19.4932, 34.4968



71.7052, 59.0782, 83.3372



16.9022, 7.0479, 76.0710



14.8057, 11.7215, 17.1613



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.



39.2136, 19.4932, 34.4968



49.0274, 24.3750, 42.9381



33.4534, 17.1891, 4.1640



14.7938, 14.5347, 17.1146



22.0410, 10.9506, 19.6425



1.6701, 0.8258, 1.6693

Inverse Universe

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



39.2136, 19.4932, 34.4968



49.0274, 24.3750, 42.9381



37.3134, 60.6470, 55.5330



14.7938, 14.5347, 17.1146



22.0410, 10.9506, 19.6425



1.6701, 0.8258, 1.6693

Previews

White Background



This preview shows how the XYZ color 39.2130, 19.4921, 34.4965 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



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 39.2130, 19.4921, 34.4965

Background



This preview shows how black text looks on a background with the XYZ color 39.2130, 19.4921, 34.4965.



This preview shows how white text looks on a background with the XYZ color 39.2130, 19.4921,

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

39.2130, 19.4921, 34.4965

Protanopia

23.1074, 20.2811, 75.3698

Deuteranopia

20.4948, 20.0979, 30.8161



Tritanopia

33.7830, 19.9442, 7.0701

Trichromacy



Original Color

39.2130, 19.4921, 34.4965



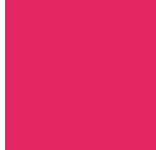
Protanomaly

22.2984, 14.1003, 57.4235



Deuteranomaly

23.4256, 15.3613, 31.4361



Tritanomaly

34.6895, 18.7493, 13.5950

Monochromacy



Original Color

39.2130, 19.4921, 34.4965



Achromatopsia

9.0590, 9.5307, 10.3790



Achromatomaly

14.9943, 9.4136, 16.6495

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2130, 19.4921, 34.4965 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(231, 0, 159)` looks like.

```
.text, #text, p{  
    color:rgb(231, 0, 159)  
}
```

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(231, 0, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 0, 159) }
```

Border

The CSS property to change the border of an element to XYZ 39.2130, 19.4921, 34.4965 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(231, 0, 159) }
```


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

```
.border{ border-color:rgb(231, 0, 159) }
```

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

Here you see how a box with a 4 pixel rgb(231, 0, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 0, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 0, 159);  
box-shadow:4px 4px 4px 4px rgb(231, 0,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2130, 19.4921, 34.4965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 0, 159) }
```

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

```
.background{ background-color: rgb(231, 0,  
159) }
```

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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