

Converting Colors

XYZ(30.1423, 15.7153, 38.0039)

Have a look what the booklet for
XYZ(30.1423, 15.7153, 38.0039)
contains.

XYZ(30.1423, 15.7153, 38.0039)	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(30.1423, 15.7153,
38.0039)**

Conversions

Conversions Part 1

Format	Color
Hex	C325A7
RGB	195, 37, 167
RGB Percent	76%, 15%, 65%
CMY	0.2353, 0.8549, 0.3451
CMYK	0.00, 0.81, 0.14, 0.24
HSL	311°, 68%, 45%
HSV	311°, 81%, 76%
XYZ	30.1423, 15.7153, 38.0039
YIQ	99.0620, 52.4380, 73.9260

Conversions

Conversions Part 2

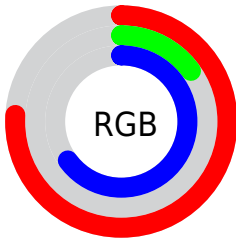
Format	Color
RYB	195, 37, 167
Decimal	12789159
CIELab	46.60, 71.15, -32.89
CIELCh	47, 78.381, 335.192
Yxy	15.7153, 0.3594, 0.1874
Android (android.graphics.Color)	4290979239 (0xFFC325A7)
YUV	99.0620, 33.4934, 84.1376
Hunter-Lab	39.6425, 66.3485, -29.0895

Details

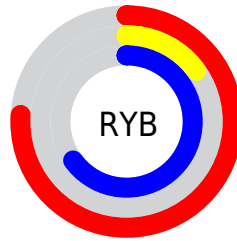
The XYZ color **30.1423, 15.7153, 38.0039** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle muted rose. A complement of this color would be **21.2331, 39.8058, 11.5670**, and the grayscale version is **11.7860, 12.3997, 13.5033**.

A 20% lighter version of the original color is **59.3107, 36.0905, 73.6522**, and **13.4110, 6.5562, 16.7783** is the 20% darker color. If you saturate the color by 10%, you get **29.3741, 14.6830, 36.1925**, and if you desaturate by 10%, it is **31.2439, 17.4000, 39.9687**.

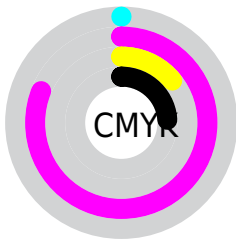
Distribution



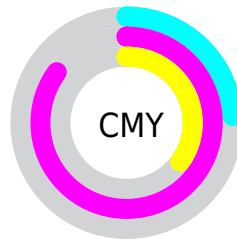
- Red (76%)
- Green (15%)
- Blue (65%)



- Red (76%)
- Yellow (15%)
- Blue (65%)



- Cyan (0%)
- Magenta (81%)
- Yellow (14%)
- Black (24%)



- Cyan (24%)
- Magenta (85%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.1423, 15.7153, 38.0039 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 30.1423, 15.7153, 38.0039 by changing the saturation by 10% instead.

 30.1423, 15.7153,
38.0039


 30.1423, 15.7153,
38.0039


294.4651,
227.6559, 352.9354


 20.0952, 9.3229,
25.6839

 59.2722, 36.1032,
73.3176


 12.5730, 4.9524,
16.3636

 79.0858, 50.8676,
97.1484


 7.2101, 2.2194,
9.6247


 102.8856, 69.1914,
125.6531

 3.6413, 0.7305,
5.0485

 131.0369, 91.4590,
159.2503

 1.5013, 0.0000,
2.2165

 163.9052,
118.0549, 198.3587

 0.3267, 0.0000,
0.6839

 201.8558,

 0.0000, 0.0000,

149.3634, 243.3966

0.0000

245.2539,
185.7689, 294.7826

■ 30.1423, 15.7153,
38.0039

■ 30.1423, 15.7153,
38.0039

■ 29.3741, 14.6830,
36.1925

■ 31.2439, 17.4000,
39.9687

■ 28.8896, 14.1557,
34.6699

■ 32.7225, 19.8253,
42.1016

■ 34.6169, 23.0682,
44.4158

■ 36.9604, 27.1954,
46.9228

■ 39.7830, 32.2667,
49.6329

■ 43.1121, 38.3369,
52.5555

■ 46.9730, 45.4562,
55.6994

■ 51.3891, 53.6718,
59.0727

■ 56.3827, 63.0277,
62.6830

Harmonies

Analogous

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



23.7649, 15.7153, 69.2364



30.1423, 15.7153, 38.0039



32.0127, 15.7153, 13.9547

Triad

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



30.1423, 15.7153, 38.0039



13.7897, 15.7153, 0.1596



6.6245, 15.7153, 48.8431

Complementary

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



30.1423, 15.7153, 38.0039



21.2331, 39.8058, 11.5670

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.



5.3619, 15.7153, 20.7112



30.1423, 15.7153, 38.0039



8.6208, 15.7153, 1.1494

Square

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



30.1423, 15.7153, 38.0039



21.0915, 15.7153, 0.6428



5.9629, 15.7153, 5.7514



10.1138, 15.7153, 78.1604

Rectangle

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



30.1423, 15.7153, 38.0039



30.0836, 15.7153, 5.6428



5.9629, 15.7153, 5.7514



5.9828, 15.7153, 38.3901

Sweetspot

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



30.1429, 15.7161, 38.0042



75.1112, 64.8118, 92.3289



12.5842, 6.3321, 52.1891



15.9756, 13.3309, 19.8032



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.



30.1429, 15.7161, 38.0042



51.9052, 25.5499, 62.5504



24.9994, 13.6587, 10.9192



10.4182, 10.2159, 12.2928



18.8046, 9.2116, 22.6807



0.8330, 0.4062, 1.0882

Inverse Universe

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



30.1429, 15.7161, 38.0042



51.9052, 25.5499, 62.5504



25.1865, 41.3872, 32.3854



10.4182, 10.2159, 12.2928



18.8046, 9.2116, 22.6807



0.8330, 0.4062, 1.0882

Previews

White Background



This preview shows how the XYZ color 30.1423, 15.7153, 38.0039 looks on a white background.

Color Contrast Check

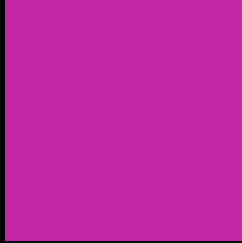
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 30.1423, 15.7153, 38.0039 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

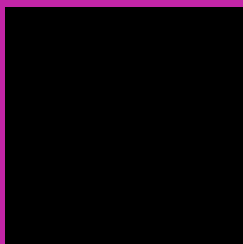
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 30.1423, 15.7153, 38.0039

Background



This preview shows how black text looks on a background with the XYZ color 30.1423, 15.7153, 38.0039.



This preview shows how white text looks on a background with the XYZ color 30.1423, 15.7153,

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

30.1423, 15.7153, 38.0039

Protanopia

19.3619, 16.2006, 74.0580

Deuteranopia

16.3810, 16.0191, 34.1269



Tritanopia

24.1504, 15.7353, 8.7855

Trichromacy



Original Color

30.1423, 15.7153, 38.0039



Protanomaly

17.8745, 12.4208, 59.2130



Deuteranomaly

18.8864, 13.5850, 35.3450



Tritanomaly

25.6136, 15.2009, 16.3359

Monochromacy



Original Color

30.1423, 15.7153, 38.0039



Achromatopsia

11.8596, 12.4772, 13.5877



Achromatomaly

16.0540, 11.6925, 20.4795

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1423, 15.7153, 38.0039 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, 37, 167)` looks like.

```
.text, #text, p{  
    color:rgb(195, 37, 167)  
}
```

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, 37, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 37, 167) }
```

Border

The CSS property to change the border of an element to XYZ 30.1423, 15.7153, 38.0039 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, 37, 167) }
```


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

```
.border{ border-color:rgb(195, 37, 167) }
```

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

Here you see how a box with a 4 pixel rgb(195, 37, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 37, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 37, 167);  
box-shadow:4px 4px 4px 4px rgb(195, 37,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1423, 15.7153, 38.0039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 37, 167) }
```

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

```
.background{ background-color: rgb(195, 37,  
167) }
```

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