

Converting Colors

XYZ(39.1478, 30.2491, 62.5188)

Have a look what the booklet for
XYZ(39.1478, 30.2491, 62.5188)
contains.

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Color

**XYZ(39.2314, 30.3824,
62.8282)**

Conversions

Conversions Part 1

Format	Color
Hex	BA80CF
RGB	186, 128, 207
RGB Percent	73%, 50%, 81%
CMY	0.2706, 0.4980, 0.1882
CMYK	0.10, 0.38, 0.00, 0.19
HSL	284°, 45%, 66%
HSV	284°, 38%, 81%
XYZ	39.2314, 30.3824, 62.8282
YIQ	154.3480, 9.2090, 36.8650

Conversions

Conversions Part 2

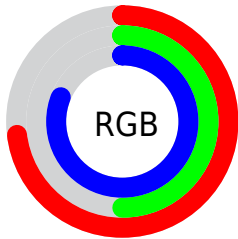
Format	Color
R_{YB}	186, 128, 207
Decimal	12222671
CIE _{Lab}	61.98, 36.15, -32.05
CIE _{LCh}	62, 48.310, 318.435
Yxy	30.3824, 0.2962, 0.2294
Android (android.graphics.Color)	4290412751 (0xFFBA80CF)
YUV	154.3480, 25.9574, 27.7588
Hunter-Lab	55.1202, 30.5856, -28.9969

Details

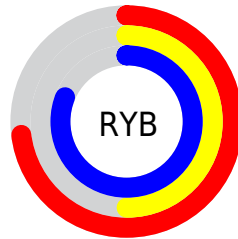
The XYZ color **39.2314, 30.3824, 62.8282** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **38.6044, 52.5744, 28.5365**, and the grayscale version is **30.7555, 32.3572, 35.2370**.

A 20% lighter version of the original color is **71.7401, 59.7306, 102.3558**, and **17.6814, 12.4000, 31.1673** is the 20% darker color. If you saturate the color by 10%, you get **35.4909, 24.8472, 61.9574**, and if you desaturate by 10%, it is **43.5762, 37.0482, 63.8863**.

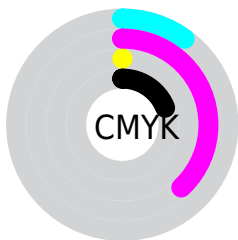
Distribution



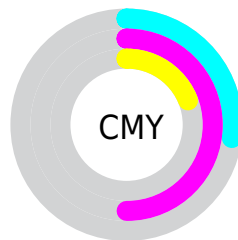
- Red (73%)
- Green (50%)
- Blue (81%)



- Red (73%)
- Yellow (50%)
- Blue (81%)



- Cyan (10%)
- Magenta (38%)
- Yellow (0%)
- Black (19%)





- Cyan (27%)
- Magenta (50%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.2314, 30.3824, 62.8282 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 39.2314, 30.3824, 62.8282 by changing the saturation by 10% instead.


 39.2314, 30.3824,
62.8282

 39.2314, 30.3824,
62.8282

334.0635,
303.6829, 453.0365


 27.1213, 20.1290,
45.2621


 73.2835, 60.2664,
110.5048

 17.8014, 12.4889,
31.3195


 95.9562, 80.6658,
141.4524

 10.9063, 7.0775,
20.5818


 122.8805,
105.2160, 177.6976

 6.0707, 3.5106,
12.6304

154.4218,
134.3014, 219.6590

 2.9292, 1.4038,
7.0468

190.9454,
168.3064, 267.7550

 1.1164, 0.2195,
3.4125

232.8167,

 0.0388, 0.0000,

207.6154, 322.4042

1.3089

280.4009,
252.6127, 384.0252

■ 0.0000, 0.0000,
0.0691

■ 0.0000, 0.0000,
0.0000

■ 39.2314, 30.3824,
62.8282

■ 39.2314, 30.3824,
62.8282

■ 35.4909, 24.8472,
61.9574

■ 43.5762, 37.0482,
63.8863

■ 32.3173, 20.3710,
61.2607

■ 48.5536, 44.9027,
65.1400

■ 29.6737, 16.8800,
60.7262

■ 54.1937, 54.0047,
66.5996

■ 27.5170, 14.2891,
60.3398

■ 60.5239, 64.4078,
68.2740

■ 25.7968, 12.4981,
60.0847

■ 67.5697, 76.1626,
70.1715

■ 24.4384, 11.3587,
59.9364

■ 75.3555, 89.3168,
72.3002

■ 24.2071, 11.1782,
59.9137

■ 77.9242, 91.9554,
72.6741

■ 79.6626, 92.8516,
72.7555

■ 81.4568, 93.7765,
72.8394

Harmonies

Analogous

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



32.9968, 30.3824, 79.7524



39.2314, 30.3824, 62.8282



42.8743, 30.3824, 40.7573

Triad

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



39.2314, 30.3824, 62.8282



31.4463, 30.3824, 9.0006



18.6027, 30.3824, 45.6879

Complementary

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



39.2314, 30.3824, 62.8282



38.6044, 52.5744, 28.5365

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.



18.3161, 30.3824, 26.4351



39.2314, 30.3824, 62.8282



25.1163, 30.3824, 9.4731

Square

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



39.2314, 30.3824, 62.8282



37.9513, 30.3824, 12.9306



20.5274, 30.3824, 14.6144



21.3793, 30.3824, 67.5775

Rectangle

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



39.2314, 30.3824, 62.8282



43.0281, 30.3824, 28.1211



20.5274, 30.3824, 14.6144



18.2291, 30.3824, 38.5929

Sweetspot

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



39.2324, 30.3837, 62.8289



84.0553, 82.0040, 106.0059



30.9237, 30.6114, 63.3107



17.7215, 17.1158, 22.6196



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.



39.2324, 30.3837, 62.8289



57.7801, 41.1295, 99.5012



42.5905, 32.3602, 51.9001



11.9914, 11.8444, 14.8978



15.3451, 7.0910, 37.7524



0.9309, 0.4340, 2.1143

Inverse Universe

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



38.8770, 30.8748, 32.3451



57.4357, 42.2111, 42.5976



36.4380, 51.3044, 35.3547



11.9359, 11.8591, 12.9385



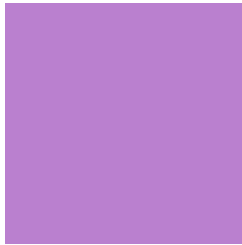
16.6810, 8.5452, 3.2264



0.9660, 0.4911, 0.3558

Previews

White Background



This preview shows how the XYZ color 39.2314, 30.3824, 62.8282 looks on a white background.

Color Contrast Check

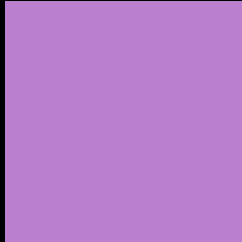
Large Text (above 18pt) WCAG AA × Fail

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 39.2314, 30.3824, 62.8282 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

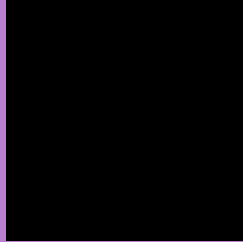
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.2314, 30.3824, 62.8282

Background



This preview shows how black text looks on a background with the XYZ color 39.2314, 30.3824, 62.8282.

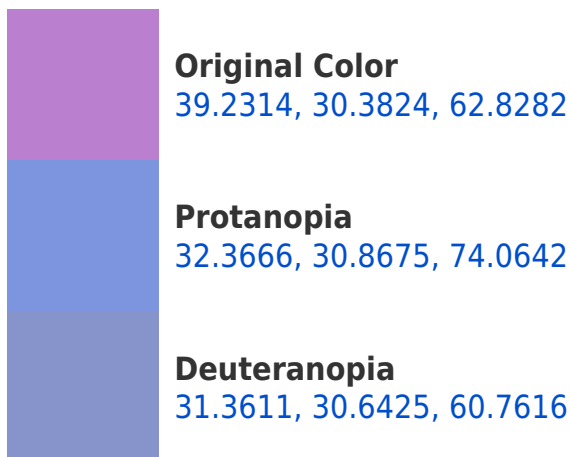


This preview shows how white text looks on a background with the XYZ color 39.2314, 30.3824,

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





Tritanopia

33.3241, 30.4555, 33.4003

Trichromacy



Original Color

39.2314, 30.3824, 62.8282

Protanomaly

34.0819, 30.2626, 69.6906

Deuteranomaly

33.7504, 30.2794, 61.1924

Tritanomaly

35.2109, 30.3724, 42.5347

Monochromacy



Original Color

39.2314, 30.3824, 62.8282

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

33.3941, 31.3749, 43.8311

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2314, 30.3824, 62.8282 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(186, 128, 207)` looks like.

```
.text, #text, p{  
    color:rgb(186, 128, 207)  
}
```

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(186, 128, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 128, 207) }
```

Border

The CSS property to change the border of an element to XYZ 39.2314, 30.3824, 62.8282 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(186, 128, 207) }
```


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

```
.border{ border-color:rgb(186, 128, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 128, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 128, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 128, 207);  
box-shadow:4px 4px 4px 4px rgb(186, 128,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2314, 30.3824, 62.8282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 128, 207) }
```

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

```
.background{ background-color: rgb(186,  
128, 207) }
```

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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