

Converting Colors

XYZ(32.1294, 28.8069, 40.4333)

Have a look what the booklet for
XYZ(32.1294, 28.8069, 40.4333)
contains.

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Color

**XYZ(32.1414, 28.8334,
40.4306)**

Conversions

Conversions Part 1

Format	Color
Hex	A988A7
RGB	169, 136, 167
RGB Percent	66%, 53%, 65%
CMY	0.3373, 0.4667, 0.3451
CMYK	0.00, 0.20, 0.01, 0.34
HSL	304°, 16%, 60%
HSV	304°, 20%, 66%
XYZ	32.1414, 28.8334, 40.4306
YIQ	149.4010, 9.7170, 16.6370

Conversions

Conversions Part 2

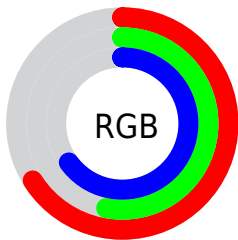
Format	Color
R_{YB}	169, 136, 167
Decimal	11110567
CIE _{Lab}	60.63, 18.03, -11.62
CIE _{LCh}	61, 21.449, 327.186
Yxy	28.8334, 0.3170, 0.2843
Android (android.graphics.Color)	4289300647 (0xFFA988A7)
YUV	149.4010, 8.6763, 17.1883
Hunter-Lab	53.6967, 12.8759, -7.0543

Details

The XYZ color **32.1414, 28.8334, 40.4306** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **28.9299, 35.4460, 29.3633**, and the grayscale version is **28.6984, 30.1930, 32.8801**.

A 20% lighter version of the original color is **62.1229, 57.5164, 76.9348**, and **13.7584, 11.6753, 17.7481** is the 20% darker color. If you saturate the color by 10%, you get **29.8524, 24.4059, 39.2025**, and if you desaturate by 10%, it is **34.8082, 34.0143, 41.7890**.

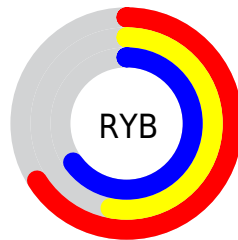
Distribution



Red (66%)

Green (53%)

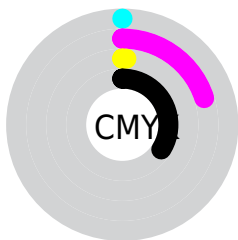
Blue (65%)



Red (66%)

Yellow (53%)

Blue (65%)

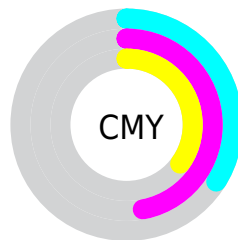


Cyan (0%)

Magenta (20%)

Yellow (1%)

Black (34%)



Cyan (34%)


Magenta (47%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.1414, 28.8334, 40.4306 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 32.1414, 28.8334, 40.4306 by changing the saturation by 10% instead.


 32.1414, 28.8334,
40.4306


 32.1414, 28.8334,
40.4306


303.4967,
296.4281, 363.5411


 21.6256, 18.9548,
27.5581


 62.3964, 57.8123,
77.0630

 13.6971, 11.6376,
17.7567


 82.8663, 77.6814,
101.6600

 7.9906, 6.4974,
10.6078


 107.3849,
101.6495, 131.0023

 4.1407, 3.1499,
5.6929

136.3177,
130.1009, 165.5083

 1.7820, 1.2105,
2.5935

170.0299,
163.4201, 205.5966

 0.5068, 0.0702,
0.8891

208.8869,

 0.0000, 0.0000,

201.9914, 251.6859

0.0000

253.2540,
246.1993, 304.1945

■ 32.1414, 28.8334,
40.4306

■ 32.1414, 28.8334,
40.4306

■ 29.8524, 24.4059,
39.2025

■ 34.8082, 34.0143,
41.7890

■ 27.9210, 20.6929,
38.0970

■ 37.8666, 39.9777,
43.2812

■ 26.3292, 17.6578,
37.1084

■ 41.3328, 46.7556,
44.9132

■ 25.0562, 15.2593,
36.2297

■ 45.2214, 54.3771,
46.6897

■ 24.0792, 13.4514,
35.4533

■ 49.5464, 62.8701,
48.6153

■ 23.3720, 12.1821,
34.7706

■ 54.3210, 72.2609,
50.6946

■ 22.9042, 11.3903,
34.1713

■ 59.5577, 82.5750,
52.9317

■ 22.6123, 10.9490,
33.6342

■ 59.8795, 83.0580,
53.5342

■ 22.5993, 10.9299,
33.6091

■ 59.9807, 83.0984,
54.0669

Harmonies

Analogous

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



29.9175, 28.8334, 47.0537



32.1414, 28.8334, 40.4306



33.0908, 28.8334, 32.1513

Triad

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



32.1414, 28.8334, 40.4306



27.6682, 28.8334, 18.4658



22.9254, 28.8334, 38.9111

Complementary

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



32.1414, 28.8334, 40.4306



28.9299, 35.4460, 29.3633

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.



22.4114, 28.8334, 30.6500



32.1414, 28.8334, 40.4306



25.0378, 28.8334, 19.6636

Square

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



32.1414, 28.8334, 40.4306



30.4014, 28.8334, 20.2182



23.1589, 28.8334, 23.8166



24.6128, 28.8334, 46.0774

Rectangle

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



32.1414, 28.8334, 40.4306



32.8285, 28.8334, 27.0902



23.1589, 28.8334, 23.8166



22.6148, 28.8334, 36.1325

Sweetspot

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



32.1423, 28.8347, 40.4312



64.1300, 64.4060, 75.7265



26.3903, 25.8479, 41.1348



13.9061, 13.8984, 16.4699



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



32.1423, 28.8347, 40.4312



55.8920, 48.4013, 71.5270



30.7411, 28.2742, 33.0527



7.8220, 7.6587, 9.3798



16.8501, 8.1488, 25.0861



0.4156, 0.2005, 0.6402

Inverse Universe

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



32.1423, 28.8347, 40.4312



55.8920, 48.4013, 71.5270



30.1876, 35.9491, 35.9862



7.8220, 7.6587, 9.3798



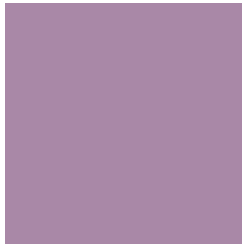
16.8501, 8.1488, 25.0861



0.4156, 0.2005, 0.6402

Previews

White Background



This preview shows how the XYZ color 32.1414, 28.8334, 40.4306 looks on a white background.

Color Contrast Check

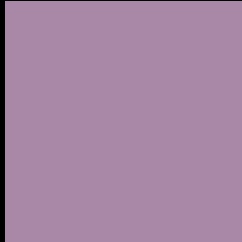
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.1414, 28.8334, 40.4306 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 32.1414, 28.8334, 40.4306

Background



This preview shows how black text looks on a background with the XYZ color 32.1414, 28.8334, 40.4306.



This preview shows how white text looks on a background with the XYZ color 32.1414, 28.8334,

40.4306.

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

32.1414, 28.8334, 40.4306

Protanopia

28.6527, 28.9306, 43.6092

Deuteranopia

29.6543, 29.0735, 40.1252



Tritanopia

30.6740, 28.8827, 32.8124

Trichromacy



Original Color

32.1414, 28.8334, 40.4306

Protanomaly

29.7862, 28.8656, 42.5298

Deuteranomaly

30.3616, 28.7784, 40.0310

Tritanomaly

31.2377, 28.9021, 35.3847

Monochromacy



Original Color

32.1414, 28.8334, 40.4306

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

29.6843, 29.4147, 35.5656

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.1414, 28.8334, 40.4306 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(169, 136, 167)` looks like.

```
.text, #text, p{  
    color:rgb(169, 136, 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(169, 136, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 136, 167) }
```

Border

The CSS property to change the border of an element to XYZ 32.1414, 28.8334, 40.4306 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(169, 136, 167) }
```


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

```
.border{ border-color:rgb(169, 136, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 136, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(169, 136, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(169, 136, 167); box-shadow:4px 4px 4px 4px rgb(169, 136, 167) }
```

Background

The CSS property to change the background color of an element to XYZ 32.1414, 28.8334, 40.4306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 136, 167) }
```

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

```
.background{ background-color: rgb(169,  
136, 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](#).

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