

Converting Colors

XYZ(32.0830, 28.8203, 38.9675)

Have a look what the booklet for
XYZ(32.0830, 28.8203, 38.9675)
contains.

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Color

**XYZ(32.0826, 28.8347,
38.9967)**

Conversions

Conversions Part 1

Format	Color
Hex	AA88A4
RGB	170, 136, 164
RGB Percent	67%, 53%, 64%
CMY	0.3333, 0.4667, 0.3569
CMYK	0.00, 0.20, 0.04, 0.33
HSL	311°, 17%, 60%
HSV	311°, 20%, 67%
XYZ	32.0826, 28.8347, 38.9967
YIQ	149.3580, 11.2760, 15.9160

Conversions

Conversions Part 2

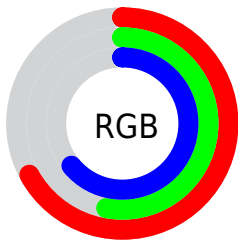
Format	Color
RYB	170, 136, 164
Decimal	11176100
CIELab	60.64, 17.81, -9.90
CIElCh	61, 20.377, 330.926
Yxy	28.8347, 0.3211, 0.2886
Android (android.graphics.Color)	4289366180 (0xFFAA88A4)
YUV	149.3580, 7.2185, 18.1030
Hunter-Lab	53.6980, 12.6759, -5.4692

Details

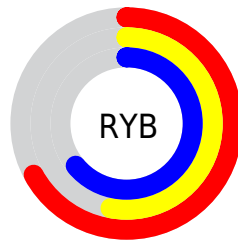
The XYZ color **32.0826, 28.8347, 38.9967** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **29.4117, 35.9376, 30.9793**, and the grayscale version is **28.6857, 30.1796, 32.8656**.

A 20% lighter version of the original color is **62.3478, 57.6784, 74.8648**, and **13.5885, 11.6073, 16.8535** is the 20% darker color. If you saturate the color by 10%, you get **29.6082, 24.3140, 36.8510**, and if you desaturate by 10%, it is **34.9449, 34.1200, 41.3039**.

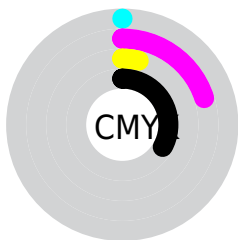
Distribution



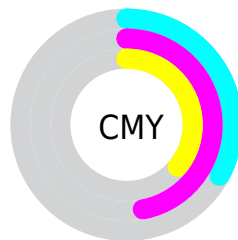
- Red (67%)
- Green (53%)
- Blue (64%)



- Red (67%)
- Yellow (53%)
- Blue (64%)



- Cyan (0%)
- Magenta (20%)
- Yellow (4%)
- Black (33%)





- Cyan (33%)
- Magenta (47%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.0826, 28.8347, 38.9967 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 32.0826, 28.8347, 38.9967 by changing the saturation by 10% instead.

 32.0826, 28.8347,
38.9967


 32.0826, 28.8347,
38.9967


303.2340,
296.4342, 357.3020


 21.5805, 18.9558,
26.4493


 62.3049, 57.8144,
74.8536

 13.6638, 11.6384,
16.9313


 82.7557, 77.6839,
99.0002

 7.9674, 6.4979,
10.0241


 107.2535,
101.6525, 127.8502

 4.1257, 3.1501,
5.3091

136.1636,
130.1044, 161.8224

 1.7735, 1.2106,
2.3679

169.8513,
163.4242, 201.3351

 0.5016, 0.0703,
0.7689

208.6820,

 0.0000, 0.0000,

201.9962, 246.8069

0.0000

253.0211,
246.2047, 298.6563

■ 32.0826, 28.8347,
38.9967

■ 32.0826, 28.8347,
38.9967

■ 29.6082, 24.3140,
36.8510

■ 34.9449, 34.1200,
41.3039

■ 27.5011, 20.5183,
34.8588

■ 38.2092, 40.1995,
43.7765

■ 25.7430, 17.4103,
33.0139

■ 41.8921, 47.1058,
46.4206

■ 24.3126, 14.9478,
31.3093

■ 46.0085, 54.8687,
49.2414

■ 23.1865, 13.0840,
29.7367

■ 50.5724, 63.5163,
52.2438

■ 22.3381, 11.7657,
28.2872

■ 55.5976, 73.0755,
55.4325

■ 21.7361, 10.9303,
26.9500

■ 61.0952, 83.5691,
58.8114

■ 21.3113, 10.4396,
25.7019

■ 61.4154, 83.6972,
60.4975

■ 21.3112, 10.4396,
25.7017

■ 61.7423, 83.8280,
62.2191

Harmonies

Analogous

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



30.0966, 28.8347, 45.5776



32.0826, 28.8347, 38.9967



32.7970, 28.8347, 31.1619

Triad

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



32.0826, 28.8347, 38.9967



27.3246, 28.8347, 18.9969



23.2819, 28.8347, 39.4685

Complementary

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



32.0826, 28.8347, 38.9967



29.4117, 35.9376, 30.9793

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.



22.6417, 28.8347, 31.6315



32.0826, 28.8347, 38.9967



24.8817, 28.8347, 20.5114

Square

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



32.0826, 28.8347, 38.9967



29.9457, 28.8347, 20.3351



23.2084, 28.8347, 24.8534



25.0151, 28.8347, 45.8793

Rectangle

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



32.0826, 28.8347, 38.9967



32.4221, 28.8347, 26.4886



23.2084, 28.8347, 24.8534



22.9369, 28.8347, 36.8751

Sweetspot

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



32.0835, 28.8360, 38.9973



65.6180, 66.0218, 76.6490



27.1593, 26.2334, 41.6629



14.5518, 14.5719, 17.0309



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



32.0835, 28.8360, 38.9973



56.1339, 48.5118, 68.9924



30.6754, 28.2728, 31.5828



7.7842, 7.6436, 9.1810



15.6949, 7.6867, 19.0028



0.3963, 0.1928, 0.5385

Inverse Universe

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



32.0835, 28.8360, 38.9973



56.1339, 48.5118, 68.9924



30.7582, 36.4762, 38.0699



7.7842, 7.6436, 9.1810



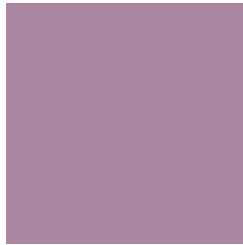
15.6949, 7.6867, 19.0028



0.3963, 0.1928, 0.5385

Previews

White Background



This preview shows how the XYZ color 32.0826, 28.8347, 38.9967 looks on a white background.

Color Contrast Check

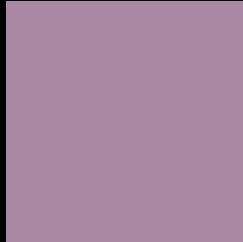
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.0826, 28.8347, 38.9967 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

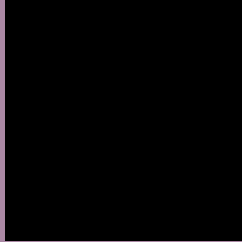
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.0826, 28.8347, 38.9967

Background



This preview shows how black text looks on a background with the XYZ color 32.0826, 28.8347, 38.9967.



This preview shows how white text looks on a background with the XYZ color 32.0826, 28.8347,

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

32.0826, 28.8347, 38.9967

Protanopia

28.5364, 28.9039, 42.1052

Deuteranopia

29.5702, 29.0616, 38.7013



Tritanopia

30.8059, 28.9600, 32.4000

Trichromacy



Original Color

32.0826, 28.8347, 38.9967

Protanomaly

29.6898, 28.8486, 41.0493

Deuteranomaly

30.2870, 28.7714, 38.6075

Tritanomaly

31.2834, 28.9451, 34.5100

Monochromacy



Original Color

32.0826, 28.8347, 38.9967

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

29.7106, 29.4477, 34.6899

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.0826, 28.8347, 38.9967 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(170, 136, 164)` looks like.

```
.text, #text, p{  
    color:rgb(170, 136, 164)  
}
```

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(170, 136, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 136, 164) }
```

Border

The CSS property to change the border of an element to XYZ 32.0826, 28.8347, 38.9967 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(170, 136, 164) }
```


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

```
.border{ border-color:rgb(170, 136, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 136, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 136, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 136, 164);  
box-shadow:4px 4px 4px 4px rgb(170, 136,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 32.0826, 28.8347, 38.9967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 136, 164) }
```

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

```
.background{ background-color: rgb(170,  
136, 164) }
```

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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