

Converting Colors

XYZ(32.2603, 28.5314, 39.0868)

Have a look what the booklet for
XYZ(32.2603, 28.5314, 39.0868)
contains.

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Color

**XYZ(32.2392, 28.5012,
38.9240)**

Conversions

Conversions Part 1

Format	Color
Hex	AC86A4
RGB	172, 134, 164
RGB Percent	67%, 53%, 64%
CMY	0.3255, 0.4745, 0.3569
CMYK	0.00, 0.22, 0.05, 0.33
HSL	313°, 19%, 60%
HSV	313°, 22%, 67%
XYZ	32.2392, 28.5012, 38.9240
YIQ	148.7820, 13.0180, 17.3860

Conversions

Conversions Part 2

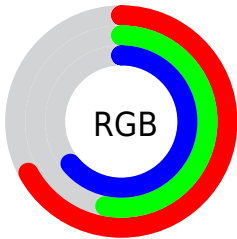
Format	Color
R _Y B	172, 134, 164
Decimal	11306660
CIE Lab	60.34, 19.65, -10.32
CIE LCh	60, 22.200, 332.285
Yxy	28.5012, 0.3235, 0.2860
Android (android.graphics.Color)	4289496740 (0xFFAC86A4)
YUV	148.7820, 7.5025, 20.3622
Hunter-Lab	53.3865, 14.3667, -5.8577

Details

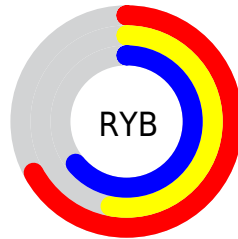
The XYZ color **32.2392, 28.5012, 38.9240** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **29.4677, 36.5272, 31.0902**, and the grayscale version is **28.4419, 29.9230, 32.5862**.

A 20% lighter version of the original color is **62.5514, 57.1491, 74.7519**, and **13.7027, 11.4324, 16.8137** is the 20% darker color. If you saturate the color by 10%, you get **29.7304, 23.9991, 36.4973**, and if you desaturate by 10%, it is **35.1457, 33.7829, 41.5299**.

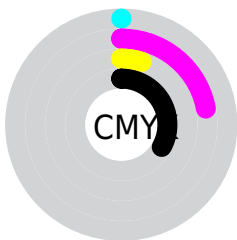
Distribution



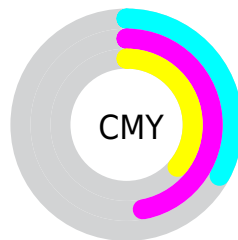
- Red (67%)
- Green (53%)
- Blue (64%)



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



- Cyan (0%)
- Magenta (22%)
- Yellow (5%)
- Black (33%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.2392, 28.5012, 38.9240 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 32.2392, 28.5012, 38.9240 by changing the saturation by 10% instead.


 32.2392, 28.5012,
38.9240


 32.2392, 28.5012,
38.9240


303.9334,
294.8541, 356.9836


 21.7007, 18.7038,
26.3932


 62.5486, 57.2836,
74.7413

 13.7525, 11.4565,
16.8897


 83.0501, 77.0375,
98.8648

 8.0293, 6.3747,
9.9947


 107.6034,
100.8789, 127.6898

 4.1657, 3.0743,
5.2899

136.5738,
129.1924, 161.6346

 1.7963, 1.1706,
2.3566

170.3267,
162.3623, 201.1178

 0.5154, 0.0375,
0.7627

209.2273,

 0.0000, 0.0000,

200.7729, 246.5581

0.0000

253.6411,
244.8087, 298.3738

■ 32.2392, 28.5012,
38.9240

■ 32.2392, 28.5012,
38.9240

■ 29.7304, 23.9991,
36.4973

■ 35.1457, 33.7829,
41.5299

■ 27.5979, 20.2354,
34.2412

■ 38.4648, 39.8751,
44.3193

■ 25.8224, 17.1709,
32.1494

■ 42.2138, 46.8120,
47.2988

■ 24.3815, 14.7612,
30.2139

■ 46.4081, 54.6243,
50.4737

■ 23.2506, 12.9570,
28.4262

■ 51.0626, 63.3415,
53.8494

■ 22.4013, 11.7017,
26.7763

■ 56.1912, 72.9914,
57.4310

■ 21.7999, 10.9282,
25.2527

■ 61.8074, 83.6010,
61.2232

■ 21.4422, 10.5423,
24.1177

■ 62.3961, 84.1398,
63.3881

■ 62.8051, 84.3034,
65.5418

Harmonies

Analogous

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



30.1250, 28.5012, 46.2914



32.2392, 28.5012, 38.9240



32.9459, 28.5012, 30.4112

Triad

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



32.2392, 28.5012, 38.9240



26.8715, 28.5012, 17.8383



22.7135, 28.5012, 40.1987

Complementary

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



32.2392, 28.5012, 38.9240



29.4677, 36.5272, 31.0902

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.



21.9719, 28.5012, 31.6632



32.2392, 28.5012, 38.9240



24.2652, 28.5012, 19.5606

Square

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



32.2392, 28.5012, 38.9240



29.7204, 28.5012, 19.1040



22.5197, 28.5012, 24.2877



24.6187, 28.5012, 47.1134

Rectangle

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



32.2392, 28.5012, 38.9240



32.4864, 28.5012, 25.4510



22.5197, 28.5012, 24.2877



22.3262, 28.5012, 37.3767

Sweetspot

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



32.2400, 28.5025, 38.9246



66.6531, 66.5866, 77.8109



27.0596, 25.7457, 42.5735



14.4115, 14.3356, 16.8480



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.



32.2400, 28.5025, 38.9246



55.9451, 47.1304, 68.2001



30.6811, 27.8789, 30.7154



8.2638, 8.1188, 9.6997



15.9768, 7.8533, 18.0550



0.4624, 0.2256, 0.5965

Inverse Universe

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



32.2400, 28.5025, 38.9246



55.9451, 47.1304, 68.2001



30.9828, 37.1333, 39.0689



8.2638, 8.1188, 9.6997



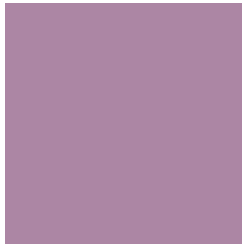
15.9768, 7.8533, 18.0550



0.4624, 0.2256, 0.5965

Previews

White Background



This preview shows how the XYZ color 32.2392, 28.5012, 38.9240 looks on a white background.

Color Contrast Check

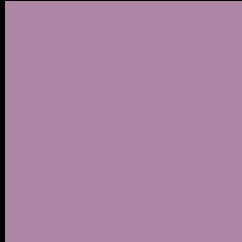
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.2392, 28.5012, 38.9240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

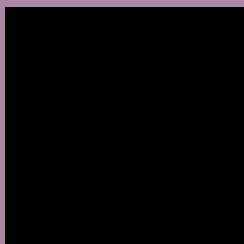
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.2392, 28.5012, 38.9240

Background



This preview shows how black text looks on a background with the XYZ color 32.2392, 28.5012, 38.9240.



This preview shows how white text looks on a background with the XYZ color 32.2392, 28.5012,

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

32.2392, 28.5012, 38.9240

Protanopia

28.3084, 28.5495, 42.5467

Deuteranopia

29.2328, 28.6657, 38.6426



Tritanopia

30.8685, 28.5755, 31.9056

Trichromacy



Original Color

32.2392, 28.5012, 38.9240

Protanomaly

29.3949, 28.2587, 40.9510

Deuteranomaly

30.1416, 28.4805, 38.5590

Tritanomaly

31.4315, 28.5993, 34.4355

Monochromacy



Original Color

32.2392, 28.5012, 38.9240

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 32.2392, 28.5012, 38.9240 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(172, 134, 164)` looks like.

```
.text, #text, p{  
    color:rgb(172, 134, 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(172, 134, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 134, 164) }
```

Border

The CSS property to change the border of an element to XYZ 32.2392, 28.5012, 38.9240 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(172, 134, 164) }
```


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

```
.border{ border-color:rgb(172, 134, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 134, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 134, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 134, 164);  
box-shadow:4px 4px 4px 4px rgb(172, 134,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 32.2392, 28.5012, 38.9240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 134, 164) }
```

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

```
.background{ background-color: rgb(172,  
134, 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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