

Converting Colors

XYZ(32.4220, 28.9456, 41.9084)

Have a look what the booklet for
XYZ(32.4220, 28.9456, 41.9084)
contains.

XYZ(32.4220, 28.9456, 41.9084)	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(32.4220, 28.9456,
41.9084)**

Conversions

Conversions Part 1

Format	Color
Hex	A988AA
RGB	169, 136, 170
RGB Percent	66%, 53%, 67%
CMY	0.3373, 0.4667, 0.3333
CMYK	0.01, 0.20, 0.00, 0.33
HSL	298°, 17%, 60%
HSV	298°, 20%, 67%
XYZ	32.4220, 28.9456, 41.9084
YIQ	149.7430, 8.7540, 17.5700

Conversions

Conversions Part 2

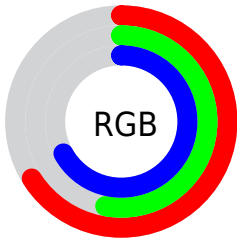
Format	Color
R_{YB}	169, 136, 170
Decimal	11110570
CIE _{Lab}	60.73, 18.61, -13.18
CIE _{LCh}	61, 22.806, 324.686
Yxy	28.9456, 0.3139, 0.2803
Android (android.graphics.Color)	4289300650 (0xFFA988AA)
YUV	149.7430, 9.9867, 16.8884
Hunter-Lab	53.8011, 13.4170, -8.5232

Details

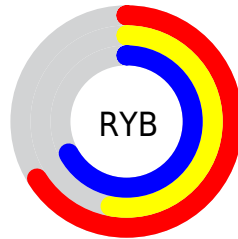
The XYZ color **32.4220, 28.9456, 41.9084** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **29.1362, 35.8461, 28.6774**, and the grayscale version is **28.8377, 30.3395, 33.0397**.

A 20% lighter version of the original color is **63.0554, 58.2707, 79.1582**, and **13.9339, 11.7455, 18.6722** is the 20% darker color. If you saturate the color by 10%, you get **30.1084, 24.4768, 41.1682**, and if you desaturate by 10%, it is **35.1175, 34.1766, 42.7764**.

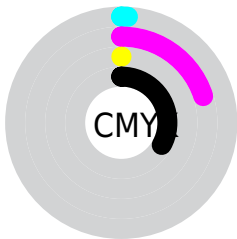
Distribution



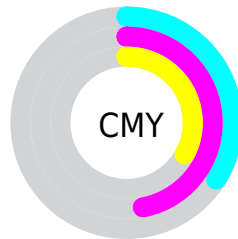
- Red (66%)
- Green (53%)
- Blue (67%)



- Red (66%)
- Yellow (53%)
- Blue (67%)



- Cyan (1%)
- Magenta (20%)
- Yellow (0%)
- Black (33%)



- Cyan (34%)
- Magenta (47%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.4220, 28.9456, 41.9084 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 32.4220, 28.9456, 41.9084 by changing the saturation by 10% instead.

■ 32.4220, 28.9456,
41.9084

■ 32.4220, 28.9456,
41.9084

304.7484,
296.9582, 369.8915

■ 21.8411, 19.0397,
28.7045

■ 62.8328, 57.9906,
79.3296

■ 13.8562, 11.6989,
18.6138

■ 83.3935, 77.8985,
104.3840

■ 8.1017, 6.5390,
11.2176

■ 108.0114,
101.9092, 134.2256

■ 4.2125, 3.1755,
6.0974

137.0521,
130.4071, 169.2730

■ 1.8230, 1.2240,
2.8346

170.8807,
163.7765, 209.9448

■ 0.5315, 0.0812,
1.0108

209.8628,

■ 0.0000, 0.0000,

202.4019, 256.6594

0.0000

254.3635,
246.6677, 309.8355

■ 32.4220, 28.9456,
41.9084

■ 32.4220, 28.9456,
41.9084

■ 30.1084, 24.4768,
41.1682

■ 35.1175, 34.1766,
42.7764

■ 28.1562, 20.7307,
40.5480

■ 38.2090, 40.1994,
43.7760

■ 26.5470, 17.6701,
40.0421

■ 41.7130, 47.0467,
44.9130

■ 25.2597, 15.2526,
39.6433

■ 45.6444, 54.7481,
46.1923

■ 24.2709, 13.4315,
39.3439

■ 50.0172, 63.3318,
47.6187

■ 23.5541, 12.1537,
39.1351

■ 54.8450, 72.8247,
49.1965

■ 23.0778, 11.3565,
39.0063

■ 60.1391, 83.2497,
50.9297

■ 22.7731, 10.9019,
38.9346

■ 60.2495, 83.3066,
50.9349

■ 22.7731, 10.9018,
38.9346

■ 60.3602, 83.3637,
50.9401

Harmonies

Analogous

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



29.9579, 28.9456, 48.7666



32.4220, 28.9456, 41.9084



33.5765, 28.9456, 33.0505

Triad

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



32.4220, 28.9456, 41.9084



28.0423, 28.9456, 17.9143



22.6582, 28.9456, 38.8258

Complementary

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



32.4220, 28.9456, 41.9084



29.1362, 35.8461, 28.6774

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.



22.2255, 28.9456, 30.0314



32.4220, 28.9456, 41.9084



25.2029, 28.9456, 18.9061

Square

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



32.4220, 28.9456, 41.9084



30.9345, 28.9456, 20.0002



23.1244, 28.9456, 23.0029



24.3516, 28.9456, 46.7751

Rectangle

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



32.4220, 28.9456, 41.9084



33.3924, 28.9456, 27.5627



23.1244, 28.9456, 23.0029



22.3658, 28.9456, 35.8322

Sweetspot

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



32.4229, 28.9469, 41.9090



65.8108, 66.0852, 78.2890



26.3749, 26.0672, 41.6720



14.5991, 14.5875, 17.4339



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.



32.4229, 28.9469, 41.9090



56.8808, 48.7555, 75.4147



31.2265, 28.4932, 34.4850



7.8198, 7.6552, 9.4838



16.7606, 8.0238, 28.6409



0.4143, 0.1986, 0.6971

Inverse Universe

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



29.8981, 27.9618, 27.4897



51.4650, 46.6443, 44.4062



30.1856, 36.2470, 35.0550



7.5397, 7.5457, 7.8934



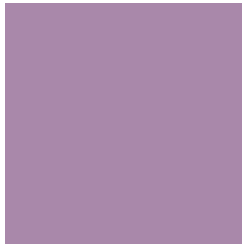
12.2185, 6.2961, 0.6962



0.3000, 0.1543, 0.0312

Previews

White Background



This preview shows how the XYZ color 32.4220, 28.9456, 41.9084 looks on a white background.

Color Contrast Check

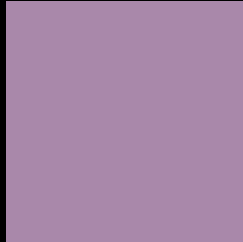
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.4220, 28.9456, 41.9084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

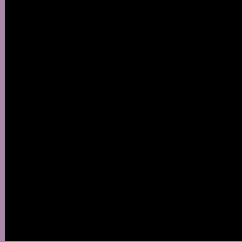
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.4220, 28.9456, 41.9084

Background



This preview shows how black text looks on a background with the XYZ color 32.4220, 28.9456, 41.9084.



This preview shows how white text looks on a background with the XYZ color 32.4220, 28.9456,

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

32.4220, 28.9456, 41.9084

Protanopia

28.7771, 28.9608, 45.1476

Deuteranopia

29.5616, 28.9935, 41.5744



Tritanopia

30.4635, 28.7742, 32.8025

Trichromacy



Original Color

32.4220, 28.9456, 41.9084

Protanomaly

30.0755, 28.9813, 44.0532

Deuteranomaly

30.4441, 28.7888, 41.4883

Tritanomaly

31.1106, 28.8268, 35.8227

Monochromacy



Original Color

32.4220, 28.9456, 41.9084

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

30.1158, 29.8532, 36.0733

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4220, 28.9456, 41.9084 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, 170)` looks like.

```
.text, #text, p{  
    color:rgb(169, 136, 170)  
}
```

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, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 136, 170) }
```

Border

The CSS property to change the border of an element to XYZ 32.4220, 28.9456, 41.9084 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, 170) }
```


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

```
.border{ border-color:rgb(169, 136, 170) }
```

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, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 136, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 136, 170);  
box-shadow:4px 4px 4px 4px rgb(169, 136,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4220, 28.9456, 41.9084 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, 170) }
```

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

```
.background{ background-color: rgb(169,  
136, 170) }
```

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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