

Converting Colors

XYZ(32.0922, 28.9387, 41.5589)

Have a look what the booklet for
XYZ(32.0922, 28.9387, 41.5589)
contains.

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Color

**XYZ(32.0434, 28.9714,
41.4393)**

Conversions

Conversions Part 1

Format	Color
Hex	A789A9
RGB	167, 137, 169
RGB Percent	65%, 54%, 66%
CMY	0.3451, 0.4627, 0.3373
CMYK	0.01, 0.19, 0.00, 0.34
HSL	296°, 16%, 60%
HSV	296°, 19%, 66%
XYZ	32.0434, 28.9714, 41.4393
YIQ	149.6180, 7.6080, 16.3120

Conversions

Conversions Part 2

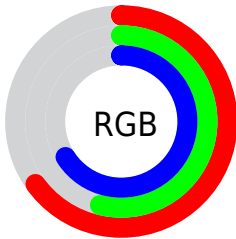
Format	Color
R_{YB}	167, 137, 169
Decimal	10979753
CIE _{Lab}	60.76, 17.15, -12.60
CIE _{LCh}	61, 21.277, 323.692
Yxy	28.9714, 0.3128, 0.2828
Android (android.graphics.Color)	4289169833 (0xFFA789A9)
YUV	149.6180, 9.5553, 15.2440
Hunter-Lab	53.8251, 12.0715, -7.9691

Details

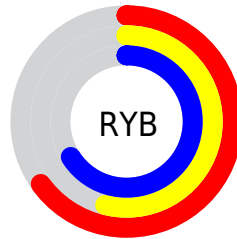
The XYZ color **32.0434, 28.9714, 41.4393** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **29.3519, 35.6718, 29.0068**, and the grayscale version is **28.7870, 30.2862, 32.9817**.

A 20% lighter version of the original color is **62.2095, 58.1730, 78.4707**, and **13.6893, 11.7456, 18.3752** is the 20% darker color. If you saturate the color by 10%, you get **29.6047, 24.4236, 40.6904**, and if you desaturate by 10%, it is **34.8619, 34.2753, 42.3149**.

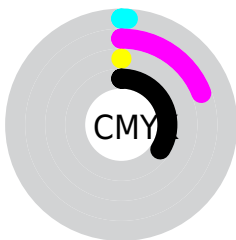
Distribution



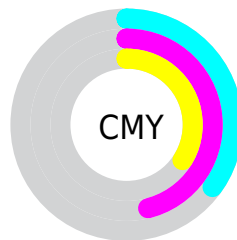
- Red (65%)
- Green (54%)
- Blue (66%)



- Red (65%)
- Yellow (54%)
- Blue (66%)



- Cyan (1%)
- Magenta (19%)
- Yellow (0%)
- Black (34%)



- Cyan (35%)
- Magenta (46%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.0434, 28.9714, 41.4393 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 32.0434, 28.9714, 41.4393 by changing the saturation by 10% instead.

■ 32.0434, 28.9714,
41.4393

■ 32.0434, 28.9714,
41.4393

303.0587,
297.0800, 367.8842

■ 21.5504, 19.0592,
28.3402

■ 62.2439, 58.0316,
78.6112

■ 13.6416, 11.7131,
18.3410

■ 82.6820, 77.9485,
103.5211

■ 7.9519, 6.5486,
11.0231

■ 107.1658,
101.9689, 133.2051

■ 4.1157, 3.1814,
5.9680

136.0608,
130.4775, 168.0816

■ 1.7678, 1.2272,
2.7572

169.7322,
163.8584, 208.5692

■ 0.4982, 0.0837,
0.9720

208.5454,

■ 0.0000, 0.0000,

202.4963, 255.0865

0.0000

252.8658,
246.7753, 308.0520

■ 32.0434, 28.9714,
41.4393

■ 32.0434, 28.9714,
41.4393

■ 29.6047, 24.4236,
40.6904

■ 34.8619, 34.2753,
42.3149

■ 27.5258, 20.5930,
40.0606

■ 38.0740, 40.3641,
43.3209

■ 25.7887, 17.4434,
39.5443

■ 41.6960, 47.2698,
44.4629

■ 24.3728, 14.9335,
39.1344

■ 45.7423, 55.0216,
45.7459

■ 23.2553, 13.0178,
38.8235

■ 50.2268, 63.6470,
47.1744

■ 22.4105, 11.6445,
38.6030

■ 55.1627, 73.1725,
48.7529

■ 21.8080, 10.7534,
38.4628

■ 60.4653, 83.4288,
50.4531

■ 21.3900, 10.2287,
38.3835

■ 60.7023, 83.5510,
50.4642

■ 21.3482, 10.1781,
38.3760

■ 60.9412, 83.6741,
50.4753

Harmonies

Analogous

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



29.7268, 28.9714, 47.6299



32.0434, 28.9714, 41.4393



33.1618, 28.9714, 33.2465

Triad

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



32.0434, 28.9714, 41.4393



28.1243, 28.9714, 18.7098



22.9523, 28.9714, 38.0622

Complementary

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



32.0434, 28.9714, 41.4393



29.3519, 35.6718, 29.0068

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.



22.5862, 28.9714, 29.9025



32.0434, 28.9714, 41.4393



25.4564, 28.9714, 19.5626

Square

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



32.0434, 28.9714, 41.4393



30.8036, 28.9714, 20.8038



23.4732, 28.9714, 23.3660



24.5089, 28.9714, 45.4633

Rectangle

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



32.0434, 28.9714, 41.4393



33.0275, 28.9714, 28.0788



23.4732, 28.9714, 23.3660



22.6905, 28.9714, 35.2852

Sweetspot

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



32.0443, 28.9727, 41.4399



63.9877, 64.3205, 76.2677



26.7312, 26.6883, 41.2790



13.8720, 13.8779, 16.5997



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.



32.0443, 28.9727, 41.4399



55.3502, 48.0759, 73.5874



31.2364, 28.6987, 34.9631



7.7949, 7.6424, 9.4826



15.9273, 7.5943, 28.6019



0.4009, 0.1916, 0.6965

Inverse Universe

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



29.9691, 28.1918, 28.2897



50.9136, 46.4100, 45.3113



30.0806, 35.9251, 34.5714



7.5494, 7.5496, 7.9445



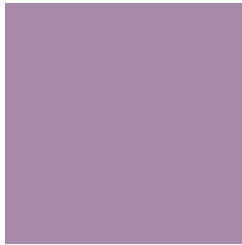
12.2453, 6.3068, 0.8374



0.3037, 0.1557, 0.0507

Previews

White Background



This preview shows how the XYZ color 32.0434, 28.9714, 41.4393 looks on a white background.

Color Contrast Check

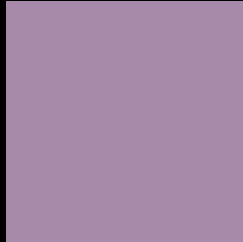
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.0434, 28.9714, 41.4393 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 32.0434, 28.9714, 41.4393

Background



This preview shows how black text looks on a background with the XYZ color 32.0434, 28.9714, 41.4393.



This preview shows how white text looks on a background with the XYZ color 32.0434, 28.9714,

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

32.0434, 28.9714, 41.4393

Protanopia

28.8478, 29.0087, 44.6362

Deuteranopia

29.6528, 29.0514, 41.0904



Tritanopia

30.2738, 28.8830, 33.2575

Trichromacy



Original Color

32.0434, 28.9714, 41.4393

Protanomaly

29.7935, 28.8472, 43.5329

Deuteranomaly

30.4974, 29.0450, 41.0446

Tritanomaly

30.9212, 28.9332, 36.3027

Monochromacy



Original Color

32.0434, 28.9714, 41.4393

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

29.9215, 29.7530, 36.0642

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.0434, 28.9714, 41.4393 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(167, 137, 169)` looks like.

```
.text, #text, p{  
    color:rgb(167, 137, 169)  
}
```

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(167, 137, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 137, 169) }
```

Border

The CSS property to change the border of an element to XYZ 32.0434, 28.9714, 41.4393 is called "border". The border property can be set on classes, ids or directly on the HTML element.

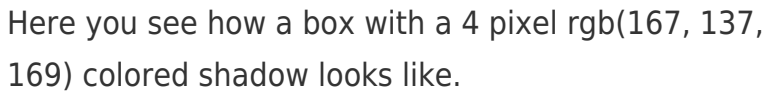
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 137, 169) }
```


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

```
.border{ border-color:rgb(167, 137, 169) }
```

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



Here you see how a box with a 4 pixel `rgb(167, 137, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 137, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 137, 169); box-shadow:4px 4px 4px 4px rgb(167, 137, 169) }
```

Background

The CSS property to change the background color of an element to XYZ 32.0434, 28.9714, 41.4393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 137, 169) }
```

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

```
.background{ background-color: rgb(167,  
137, 169) }
```

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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