

Converting Colors

XYZ(32.7835, 29.2901, 41.2515)

Have a look what the booklet for
XYZ(32.7835, 29.2901, 41.2515)
contains.

XYZ(32.9017, 29.4138, 41.4794)	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(32.9017, 29.4138,
41.4794)**

Conversions

Conversions Part 1

Format	Color
Hex	AB89A9
RGB	171, 137, 169
RGB Percent	67%, 54%, 66%
CMY	0.3294, 0.4627, 0.3373
CMYK	0.00, 0.20, 0.01, 0.33
HSL	304°, 17%, 60%
HSV	304°, 20%, 67%
XYZ	32.9017, 29.4138, 41.4794
YIQ	150.8140, 9.9920, 17.1600

Conversions

Conversions Part 2

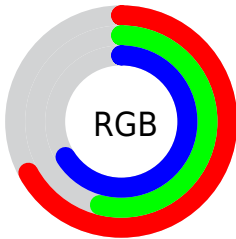
Format	Color
RYB	171, 137, 169
Decimal	11241897
CIELab	61.15, 18.55, -11.98
CIElCh	61, 22.080, 327.155
Yxy	29.4138, 0.3170, 0.2834
Android (android.graphics.Color)	4289431977 (0xFFAB89A9)
YUV	150.8140, 8.9657, 17.7031
Hunter-Lab	54.2345, 13.3778, -7.3818

Details

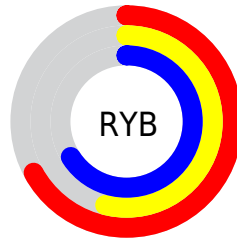
The XYZ color **32.9017, 29.4138, 41.4794** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **29.5408, 36.3092, 29.8792**, and the grayscale version is **29.2966, 30.8223, 33.5654**.

A 20% lighter version of the original color is **63.7639, 58.9743, 78.5435**, and **14.0903, 11.9523, 18.3940** is the 20% darker color. If you saturate the color by 10%, you get **30.5671, 24.8948, 40.2372**, and if you desaturate by 10%, it is **35.6240, 34.7062, 42.8551**.

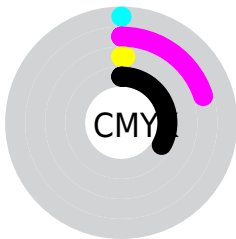
Distribution



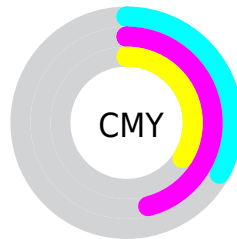
- Red (67%)
- Green (54%)
- Blue (66%)



- Red (67%)
- Yellow (54%)
- Blue (66%)



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



- Cyan (33%)
- Magenta (46%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.9017, 29.4138, 41.4794 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 32.9017, 29.4138, 41.4794 by changing the saturation by 10% instead.

■ 32.9017, 29.4138,
41.4794

■ 32.9017, 29.4138,
41.4794

306.8794,
299.1624, 368.0561

■ 22.2100, 19.3941,
28.3713

■ 63.5777, 58.7339,
78.6727

■ 14.1288, 11.9554,
18.3643

■ 84.2928, 78.8030,
103.5950

■ 8.2926, 6.7133,
11.0397

■ 109.0797,
102.9908, 133.2924

■ 4.3361, 3.2835,
5.9790

138.3038,
131.6816, 168.1836

■ 1.8940, 1.2814,
2.7638

172.3305,
165.2597, 208.6870

■ 0.5733, 0.1268,
0.9753

211.5251,

■ 0.0000, 0.0000,

204.1096, 255.2212

0.0000

256.2529,
248.6157, 308.2047

■ 32.9017, 29.4138,
41.4794

■ 32.9017, 29.4138,
41.4794

■ 30.5671, 24.8948,
40.2372

■ 35.6240, 34.7062,
42.8551

■ 28.5996, 21.1091,
39.1207

■ 38.7483, 40.8018,
44.3680

■ 26.9803, 18.0189,
38.1238

■ 42.2914, 47.7339,
46.0241

■ 25.6880, 15.5814,
37.2394

■ 46.2684, 55.5326,
47.8285

■ 24.6989, 13.7492,
36.4596

■ 50.6935, 64.2263,
49.7858

■ 23.9861, 12.4683,
35.7756

■ 55.5803, 73.8424,
51.9007

■ 23.5178, 11.6755,
35.1765

■ 60.3958, 83.3144,
53.9955

■ 23.2258, 11.2340,
34.6398

■ 60.4957, 83.3544,
54.5220

■ 23.2225, 11.2291,
34.6335

■ 60.5965, 83.3947,
55.0525

Harmonies

Analogous

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



30.5765, 29.4138, 48.4176



32.9017, 29.4138, 41.4794



33.8963, 29.4138, 32.8248

Triad

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



32.9017, 29.4138, 41.4794



28.2342, 29.4138, 18.5918



23.2886, 29.4138, 39.8715

Complementary

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



32.9017, 29.4138, 41.4794



29.5408, 36.3092, 29.8792

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.



22.7554, 29.4138, 31.2415



32.9017, 29.4138, 41.4794



25.4914, 29.4138, 19.8280

Square

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



32.9017, 29.4138, 41.4794



31.0875, 29.4138, 20.4086



23.5342, 29.4138, 24.1316



25.0439, 29.4138, 47.3824

Rectangle

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



32.9017, 29.4138, 41.4794



33.6231, 29.4138, 27.5487



23.5342, 29.4138, 24.1316



22.9660, 29.4138, 36.9653

Sweetspot

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



32.9026, 29.4151, 41.4800



65.8258, 66.1050, 77.7434



26.8951, 26.2962, 42.1869



14.6028, 14.5923, 17.2998



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.



32.9026, 29.4151, 41.4800



56.9420, 48.8350, 73.2475



31.4334, 28.8274, 33.7434



8.3164, 8.1398, 9.9771



17.5129, 8.4677, 26.1442



0.4932, 0.2380, 0.7589

Inverse Universe

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



32.9026, 29.4151, 41.4800



56.9420, 48.8350, 73.2475



30.8559, 36.8352, 36.8042



8.3164, 8.1398, 9.9771



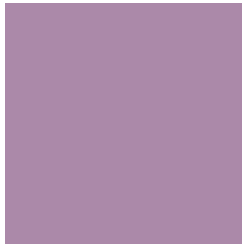
17.5129, 8.4677, 26.1442



0.4932, 0.2380, 0.7589

Previews

White Background



This preview shows how the XYZ color 32.9017, 29.4138, 41.4794 looks on a white background.

Color Contrast Check

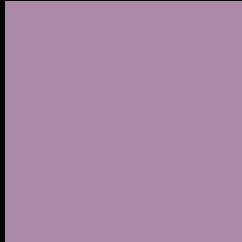
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.9017, 29.4138, 41.4794 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 32.9017, 29.4138, 41.4794

Background



This preview shows how black text looks on a background with the XYZ color 32.9017, 29.4138, 41.4794.



This preview shows how white text looks on a background with the XYZ color 32.9017, 29.4138,

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

32.9017, 29.4138, 41.4794

Protanopia

29.1721, 29.4037, 44.6954

Deuteranopia

30.1780, 29.5460, 41.1582



Tritanopia

31.1124, 29.3154, 33.2968

Trichromacy



Original Color

32.9017, 29.4138, 41.4794

Protanomaly

30.5022, 29.4344, 43.6089

Deuteranomaly

31.0900, 29.3505, 41.0724

Tritanomaly

31.7664, 29.3689, 36.3422

Monochromacy



Original Color

32.9017, 29.4138, 41.4794

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

30.5510, 30.2955, 36.5852

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.9017, 29.4138, 41.4794 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(171, 137, 169)` looks like.

```
.text, #text, p{  
    color:rgb(171, 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(171, 137, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 137, 169) }
```

Border

The CSS property to change the border of an element to XYZ 32.9017, 29.4138, 41.4794 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(171, 137, 169) }
```


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

```
.border{ border-color:rgb(171, 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(171, 137, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 137, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 137, 169);  
box-shadow:4px 4px 4px 4px rgb(171, 137,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 32.9017, 29.4138, 41.4794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 137, 169) }
```

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

```
.background{ background-color: rgb(171,  
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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