

Converting Colors

XYZ(29.4843, 28.3790, 42.6832)

Have a look what the booklet for
XYZ(29.4843, 28.3790, 42.6832)
contains.

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Color

**XYZ(29.4532, 28.4741,
42.4718)**

Conversions

Conversions Part 1

Format	Color
Hex	968DAB
RGB	150, 141, 171
RGB Percent	59%, 55%, 67%
CMY	0.4118, 0.4470, 0.3294
CMYK	0.12, 0.18, 0.00, 0.33
HSL	258°, 15%, 61%
HSV	258°, 18%, 67%
XYZ	29.4532, 28.4741, 42.4718
YIQ	147.1110, -4.2660, 11.2380

Conversions

Conversions Part 2

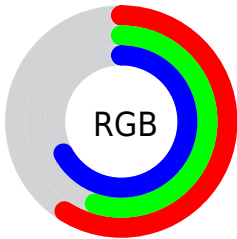
Format	Color
R_{YB}	150, 141, 171
Decimal	9866667
CIE _{Lab}	60.31, 9.41, -14.55
CIE _{LCh}	60, 17.331, 302.881
Yxy	28.4741, 0.2934, 0.2836
Android (android.graphics.Color)	4288056747 (0xFF968DAB)
YUV	147.1110, 11.7773, 2.5337
Hunter-Lab	53.3611, 5.1429, -9.8380

Details

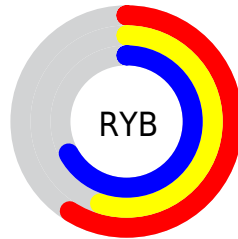
The XYZ color **29.4532, 28.4741, 42.4718** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **34.2721, 38.7311, 30.8703**, and the grayscale version is **27.7339, 29.1782, 31.7751**.

A 20% lighter version of the original color is **58.1444, 57.3586, 79.9583**, and **12.2164, 11.4667, 19.0222** is the 20% darker color. If you saturate the color by 10%, you get **25.0325, 22.7373, 41.5979**, and if you desaturate by 10%, it is **34.4900, 35.1079, 43.4872**.

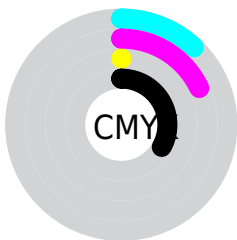
Distribution



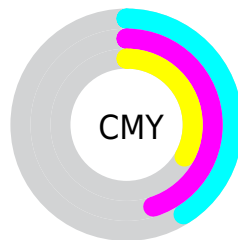
- Red (59%)
- Green (55%)
- Blue (67%)



- Red (59%)
- Yellow (55%)
- Blue (67%)



- Cyan (12%)
- Magenta (18%)
- Yellow (0%)
- Black (33%)



- Cyan (41%)
- Magenta (45%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.4532, 28.4741, 42.4718 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 29.4532, 28.4741, 42.4718 by changing the saturation by 10% instead.

■ 29.4532, 28.4741,
42.4718

■ 29.4532, 28.4741,
42.4718

291.3031,
294.7255, 372.2922

■ 19.5699, 18.6833,
29.1426

■ 58.1889, 57.2405,
80.1910

■ 12.1893, 11.4417,
18.9422

■ 77.7721, 76.9849,
105.4180

■ 6.9458, 6.3648,
11.4521

■ 101.3193,
100.8160, 135.4480

■ 3.4743, 3.0681,
6.2538

129.1959,
129.1182, 170.6996

■ 1.4092, 1.1674,
2.9288

161.7672,
162.2758, 211.5913

■ 0.2628, 0.0348,
1.0584

199.3986,

■ 0.0000, 0.0000,

200.6733, 258.5416

0.0000

242.4555,
244.6951, 311.9690

■ 29.4532, 28.4741,
42.4718

■ 29.4532, 28.4741,
42.4718

■ 25.0325, 22.7373,
41.5979

■ 34.4900, 35.1079,
43.4872

■ 21.2009, 17.8549,
40.8575

■ 40.1634, 42.6718,
44.6482

■ 17.9328, 13.7860,
40.2443

■ 46.4961, 51.2016,
45.9608

■ 15.2001, 10.4850,
39.7512

■ 53.5090, 60.7300,
47.4304

■ 12.9716, 7.9017,
39.3701

■ 61.2220, 71.2882,
49.0618

■ 11.2131, 5.9795,
39.0917

■ 69.6539, 82.9062,
50.8599

■ 9.8850, 4.6532,
38.9057

■ 76.9764, 91.9187,
52.2135

■ 8.9302, 3.8223,
38.7956

■ 81.0361, 94.0115,
52.4035

■ 8.7307, 3.6517,
38.7732

■ 84.3508, 95.7203,
52.5587

Harmonies

Analogous

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



27.2794, 28.4741, 44.9191



29.4532, 28.4741, 42.4718



31.0525, 28.4741, 36.9299

Triad

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



29.4532, 28.4741, 42.4718



29.0609, 28.4741, 21.3277



23.0124, 28.4741, 31.6234

Complementary

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



29.4532, 28.4741, 42.4718



34.2721, 38.7311, 30.8703

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.



23.4321, 28.4741, 25.7476



29.4532, 28.4741, 42.4718



26.8493, 28.4741, 20.3070

Square

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



29.4532, 28.4741, 42.4718



30.8175, 28.4741, 24.8167



24.8072, 28.4741, 21.8112



23.6280, 28.4741, 38.1415

Rectangle

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



29.4532, 28.4741, 42.4718



31.5343, 28.4741, 32.5466



24.8072, 28.4741, 21.8112



23.0371, 28.4741, 29.5099

Sweetspot

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



29.4541, 28.4753, 42.4724



64.1550, 66.0429, 78.3681



31.3448, 34.6211, 43.5590



14.1573, 14.5292, 17.4459



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.



29.4541, 28.4753, 42.4724



49.5903, 46.8767, 75.4363



32.2898, 29.9371, 42.6051



7.7963, 7.8693, 10.0607



6.6291, 2.7773, 29.2312



0.2403, 0.1061, 0.8158

Inverse Universe

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



32.8421, 30.3176, 38.3050



56.8291, 50.8157, 66.4079



31.4941, 37.2990, 30.7403



8.2332, 8.1065, 9.5387



15.2271, 7.5534, 14.1075



0.4462, 0.2192, 0.5116

Previews

White Background



This preview shows how the XYZ color 29.4532, 28.4741, 42.4718 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 29.4532, 28.4741, 42.4718 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

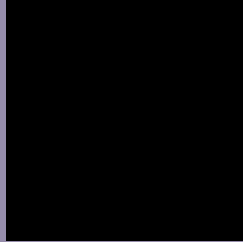
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.4532, 28.4741, 42.4718

Background



This preview shows how black text looks on a background with the XYZ color 29.4532, 28.4741, 42.4718.



This preview shows how white text looks on a background with the XYZ color 29.4532, 28.4741,

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

29.4532, 28.4741, 42.4718

Protanopia

28.1635, 28.4526, 43.5427

Deuteranopia

29.0563, 28.4893, 42.4956



Tritanopia

27.9223, 28.5161, 35.0428

Trichromacy



Original Color

29.4532, 28.4741, 42.4718

Protanomaly

28.5965, 28.4631, 43.0165

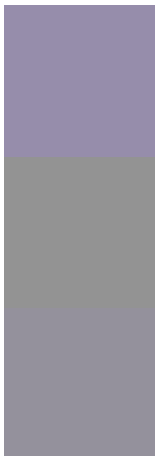
Deuteranomaly

29.2364, 28.5822, 42.5041

Tritanomaly

28.4682, 28.5140, 37.7215

Monochromacy



Original Color

29.4532, 28.4741, 42.4718

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

28.3389, 28.9470, 35.5462

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.4532, 28.4741, 42.4718 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(150, 141, 171)` looks like.

```
.text, #text, p{  
    color:rgb(150, 141, 171)  
}
```

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(150, 141, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 141, 171) }
```

Border

The CSS property to change the border of an element to XYZ 29.4532, 28.4741, 42.4718 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(150, 141, 171) }
```


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

```
.border{ border-color:rgb(150, 141, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 141, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 141, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 141, 171);  
box-shadow:4px 4px 4px 4px rgb(150, 141,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 29.4532, 28.4741, 42.4718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 141, 171) }
```

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

```
.background{ background-color: rgb(150,  
141, 171) }
```

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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