

Converting Colors

XYZ(30.0203, 28.7834, 33.4358)

Have a look what the booklet for
XYZ(30.0203, 28.7834, 33.4358)
contains.

XYZ(29.8643, 28.6719, 33.2384)	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(29.8643, 28.6719,
33.2384)**

Conversions

Conversions Part 1

Format	Color
Hex	A28C97
RGB	162, 140, 151
RGB Percent	64%, 55%, 59%
CMY	0.3647, 0.4510, 0.4078
CMYK	0.00, 0.14, 0.07, 0.36
HSL	330°, 11%, 59%
HSV	330°, 14%, 64%
XYZ	29.8643, 28.6719, 33.2384
YIQ	147.8320, 9.5810, 8.0850

Conversions

Conversions Part 2

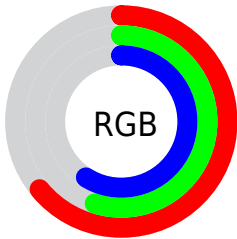
Format	Color
R_{YB}	162, 140, 151
Decimal	10652823
CIE Lab	60.49, 10.22, -2.78
CIE LCh	60, 10.589, 344.753
Yxy	28.6719, 0.3254, 0.3124
Android (android.graphics.Color)	4288842903 (0xFFA28C97)
YUV	147.8320, 1.5618, 12.4253
Hunter-Lab	53.5461, 5.8491, 0.6784

Details

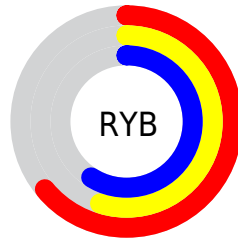
The XYZ color **29.8643, 28.6719, 33.2384** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.3226, 33.6513, 34.2296**, and the grayscale version is **28.0699, 29.5317, 32.1600**.

A 20% lighter version of the original color is **58.9265, 57.7431, 65.7974**, and **12.3868, 11.5474, 13.6326** is the 20% darker color. If you saturate the color by 10%, you get **27.0339, 24.0278, 29.1599**, and if you desaturate by 10%, it is **33.0901, 34.0337, 37.6725**.

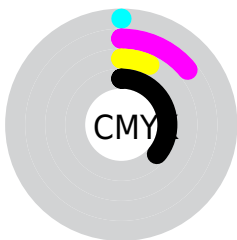
Distribution



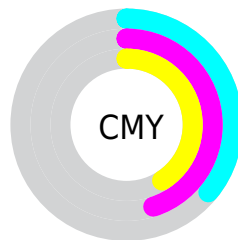
- Red (64%)
- Green (55%)
- Blue (59%)



- Red (64%)
- Yellow (55%)
- Blue (59%)



- Cyan (0%)
- Magenta (14%)
- Yellow (7%)
- Black (36%)





- Cyan (36%)
- Magenta (45%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.8643, 28.6719, 33.2384 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 29.8643, 28.6719, 33.2384 by changing the saturation by 10% instead.


 29.8643, 28.6719,
33.2384


 29.8643, 28.6719,
33.2384


293.1926,
295.6637, 331.3875


 19.8832, 18.8328,
22.0365


 58.8356, 57.5554,
65.8678

 12.4179, 11.5495,
13.6852


 78.5565, 77.3685,
88.1325

 7.1032, 6.4377,
7.7658


 102.2547,
101.2751, 114.9218

 3.5736, 3.1130,
3.8598

130.2955,
129.6596, 146.6544

 1.4639, 1.1910,
1.5488

163.0444,
162.9063, 183.7487

 0.3010, 0.0544,
0.2539

200.8666,

 0.0000, 0.0000,

201.3996, 226.6233

0.0000

244.1276,
245.5239, 275.6967

■ 29.8643, 28.6719,
33.2384

■ 29.8643, 28.6719,
33.2384

■ 27.0339, 24.0278,
29.1599

■ 33.0901, 34.0337,
37.6725

■ 24.5804, 20.0668,
25.4253

■ 36.7239, 40.1381,
42.4696

■ 22.4873, 16.7573,
22.0249

■ 40.7808, 47.0137,
47.6394

■ 20.7360, 14.0635,
18.9477

■ 45.2745, 54.6863,
53.1905

■ 19.3062, 11.9464,
16.1821

■ 50.2179, 63.1806,
59.1311

■ 18.1751, 10.3621,
13.7155

■ 55.6233, 72.5201,
65.4693

■ 17.3170, 9.2607,
11.5337

■ 61.5029, 82.7274,
72.2129

■ 16.7009, 8.5823,
9.6212

■ 63.0305, 84.1495,
77.7569

■ 16.3853, 8.2754,
8.5165

■ 64.1029, 84.5784,
83.4039

Harmonies

Analogous

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



29.1425, 28.6719, 36.8691



29.8643, 28.6719, 33.2384



29.8705, 28.6719, 29.3428

Triad

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



29.8643, 28.6719, 33.2384



26.5886, 28.6719, 24.4971



25.4294, 28.6719, 36.8179

Complementary

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



29.8643, 28.6719, 33.2384



29.3226, 33.6513, 34.2296

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.



24.7907, 28.6719, 33.1731



29.8643, 28.6719, 33.2384



25.4447, 28.6719, 26.1775

Square

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



29.8643, 28.6719, 33.2384



27.9481, 28.6719, 24.5114



24.7962, 28.6719, 29.2828



26.5671, 28.6719, 39.0503

Rectangle

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



29.8643, 28.6719, 33.2384



29.4665, 28.6719, 27.1255



24.7962, 28.6719, 29.2828



25.1509, 28.6719, 35.7045

Sweetspot

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



29.8651, 28.6732, 33.2390



59.7635, 61.2693, 67.9751



28.6633, 27.9455, 38.0662



13.3220, 13.5928, 15.1309



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



29.8651, 28.6732, 33.2390



52.7467, 49.6281, 58.2607



29.0130, 28.3323, 28.7519



7.2145, 7.1423, 8.1161



12.9304, 6.5282, 6.8240



0.2956, 0.1467, 0.2690

Inverse Universe

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



29.8651, 28.6732, 33.2390



52.7467, 49.6281, 58.2607



30.2580, 34.0254, 39.1557



7.2145, 7.1423, 8.1161



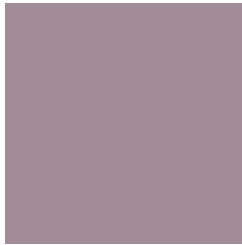
12.9304, 6.5282, 6.8240



0.2956, 0.1467, 0.2690

Previews

White Background



This preview shows how the XYZ color 29.8643, 28.6719, 33.2384 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 29.8643, 28.6719, 33.2384 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 29.8643, 28.6719, 33.2384

Background



This preview shows how black text looks on a background with the XYZ color 29.8643, 28.6719, 33.2384.



This preview shows how white text looks on a background with the XYZ color 29.8643, 28.6719,

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

29.8643, 28.6719, 33.2384

Protanopia

27.8122, 28.6949, 34.6447

Deuteranopia

29.3595, 28.8495, 33.2992



Tritanopia

29.8643, 28.6719, 33.2384

Trichromacy



Original Color

29.8643, 28.6719, 33.2384

Protanomaly

28.5211, 28.6202, 34.1580

Deuteranomaly

29.4089, 28.6550, 33.2591

Tritanomaly

29.8643, 28.6719, 33.2384

Monochromacy



Original Color

29.8643, 28.6719, 33.2384

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.6871, 29.1930, 32.5566

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.8643, 28.6719, 33.2384 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(162, 140, 151)` looks like.

```
.text, #text, p{  
    color:rgb(162, 140, 151)  
}
```

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(162, 140, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 140, 151) }
```

Border

The CSS property to change the border of an element to XYZ 29.8643, 28.6719, 33.2384 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(162, 140, 151) }
```


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

```
.border{ border-color:rgb(162, 140, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 140, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 140, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 140, 151);  
box-shadow:4px 4px 4px 4px rgb(162, 140,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 29.8643, 28.6719, 33.2384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 140, 151) }
```

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

```
.background{ background-color: rgb(162,  
140, 151) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor