

Converting Colors

XYZ(32.2344, 28.2286, 32.9611)

Have a look what the booklet for
XYZ(32.2344, 28.2286, 32.9611)
contains.

XYZ(32.1973, 28.2019, 33.0247)	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(32.1973, 28.2019,
33.0247)**

Conversions

Conversions Part 1

Format	Color
Hex	B28497
RGB	178, 132, 151
RGB Percent	70%, 52%, 59%
CMY	0.3020, 0.4823, 0.4078
CMYK	0.00, 0.26, 0.15, 0.30
HSL	335°, 23%, 61%
HSV	335°, 26%, 70%
XYZ	32.1973, 28.2019, 33.0247
YIQ	147.9200, 21.3170, 15.6610

Conversions

Conversions Part 2

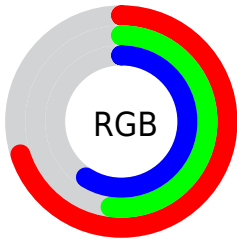
Format	Color
RYB	178, 132, 151
Decimal	11699351
CIELab	60.07, 20.66, -3.22
CIElCh	60, 20.907, 351.140
Yxy	28.2019, 0.3446, 0.3019
Android (android.graphics.Color)	4289889431 (0xFFB28497)
YUV	147.9200, 1.5184, 26.3802
Hunter-Lab	53.1055, 15.2882, 0.3031

Details

The XYZ color **32.1973, 28.2019, 33.0247** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **31.6953, 39.2503, 38.7083**, and the grayscale version is **28.1033, 29.5669, 32.1983**.

A 20% lighter version of the original color is **62.3001, 56.5981, 65.3986**, and **13.7750, 11.3147, 13.5145** is the 20% darker color. If you saturate the color by 10%, you get **29.1751, 23.4556, 28.0147**, and if you desaturate by 10%, it is **35.7082, 33.8045, 38.5693**.

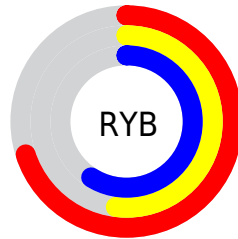
Distribution



Red (70%)

Green (52%)

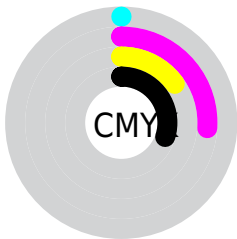
Blue (59%)



Red (70%)

Yellow (52%)

Blue (59%)

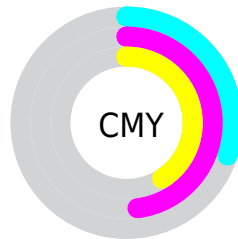


Cyan (0%)

Magenta (26%)

Yellow (15%)

Black (30%)



Cyan (30%)


Magenta (48%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.1973, 28.2019, 33.0247 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 32.1973, 28.2019, 33.0247 by changing the saturation by 10% instead.


 32.1973, 28.2019,
33.0247


 32.1973, 28.2019,
33.0247


303.7464,
293.4304, 330.3964


 21.6685, 18.4779,
21.8741


 62.4834, 56.8066,
65.5305

 13.7288, 11.2936,
13.5670


 82.9714, 76.4561,
87.7229

 8.0127, 6.2647,
7.6848


 107.5098,
100.1830, 114.4328

 4.1550, 3.0067,
3.8091

136.4641,
128.3715, 146.0790

 1.7902, 1.1352,
1.5212

170.1995,
161.4061, 183.0799

 0.5117, 0.0078,
0.2336

209.0815,

 0.0000, 0.0000,

199.6712, 225.8541

0.0000

253.4753,
243.5512, 274.8201

■ 32.1973, 28.2019,
33.0247

■ 32.1973, 28.2019,
33.0247

■ 29.1751, 23.4556,
28.0147

■ 35.7082, 33.8045,
38.5693

■ 26.6163, 19.5193,
23.5204

■ 39.7266, 40.2992,
44.6632

■ 24.4970, 16.3478,
19.5240

■ 44.2734, 47.7243,
51.3224

■ 22.7900, 13.8903,
16.0063

■ 49.3674, 56.1148,
58.5618

■ 21.4648, 12.0893,
12.9459

■ 55.0266, 65.5039,
66.3958

■ 20.4866, 10.8788,
10.3199

■ 61.2680, 75.9232,
74.8382

■ 19.8108, 10.1738,
8.1012

■ 67.5940, 86.3745,
83.7309

■ 19.5800, 9.9529,
7.2823

■ 69.0564, 86.9595,
91.4322

■ 70.6076, 87.5800,
99.6002

Harmonies

Analogous

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



30.9993, 28.2019, 40.8727



32.1973, 28.2019, 33.0247



31.8776, 28.2019, 25.7095

Triad

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



32.1973, 28.2019, 33.0247



24.9980, 28.2019, 18.9460



23.7150, 28.2019, 43.6201

Complementary

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



32.1973, 28.2019, 33.0247



31.6953, 39.2503, 38.7083

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.



22.3014, 28.2019, 36.3136



32.1973, 28.2019, 33.0247



23.0073, 28.2019, 22.3844

Square

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



32.1973, 28.2019, 33.0247



27.6025, 28.2019, 18.3628



22.0512, 28.2019, 28.5005



26.0231, 28.2019, 47.6220

Rectangle

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



32.1973, 28.2019, 33.0247



30.8550, 28.2019, 22.0236



22.0512, 28.2019, 28.5005



23.1260, 28.2019, 41.4170

Sweetspot

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



32.1981, 28.2032, 33.0253



70.2832, 70.2262, 78.3642



30.5533, 27.0722, 45.7350



15.3234, 15.1572, 16.9885



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



32.1981, 28.2032, 33.0253



55.1606, 46.0555, 54.5967



31.3067, 28.6937, 25.7198



8.6370, 8.5615, 9.5871



14.0394, 7.1333, 5.3673



0.4711, 0.2362, 0.3233

Inverse Universe

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



32.1981, 28.2032, 33.0253



55.1606, 46.0555, 54.5967



32.7208, 38.4572, 47.8182



8.6370, 8.5615, 9.5871



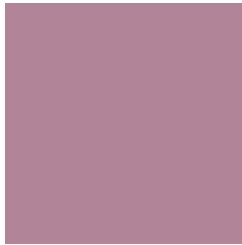
14.0394, 7.1333, 5.3673



0.4711, 0.2362, 0.3233

Previews

White Background



This preview shows how the XYZ color 32.1973, 28.2019, 33.0247 looks on a white background.

Color Contrast Check

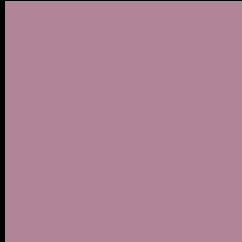
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.1973, 28.2019, 33.0247 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 32.1973, 28.2019, 33.0247

Background



This preview shows how black text looks on a background with the XYZ color 32.1973, 28.2019, 33.0247.



This preview shows how white text looks on a background with the XYZ color 32.1973, 28.2019,

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

32.1973, 28.2019, 33.0247

Protanopia

27.6464, 28.3444, 36.3617

Deuteranopia

28.8543, 28.3878, 32.3924



Tritanopia

31.5530, 28.1358, 30.1533

Trichromacy



Original Color

32.1973, 28.2019, 33.0247

Protanomaly

29.0048, 28.1906, 34.9230

Deuteranomaly

30.1105, 28.3783, 32.7447

Tritanomaly

31.7855, 28.2288, 31.3772

Monochromacy



Original Color

32.1973, 28.2019, 33.0247

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

29.3959, 28.8869, 32.4602

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.1973, 28.2019, 33.0247 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(178, 132, 151)` looks like.

```
.text, #text, p{  
    color:rgb(178, 132, 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(178, 132, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 132, 151) }
```

Border

The CSS property to change the border of an element to XYZ 32.1973, 28.2019, 33.0247 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(178, 132, 151) }
```


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

```
.border{ border-color:rgb(178, 132, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 132, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 132, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 132, 151);  
box-shadow:4px 4px 4px 4px rgb(178, 132,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 32.1973, 28.2019, 33.0247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 132, 151) }
```

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

```
.background{ background-color: rgb(178,  
132, 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