

Converting Colors

XYZ(32.2353, 27.1851, 32.9649)

Have a look what the booklet for
XYZ(32.2353, 27.1851, 32.9649)
contains.

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Color

**XYZ(32.2313, 27.2369,
32.8366)**

Conversions

Conversions Part 1

Format	Color
Hex	B57F97
RGB	181, 127, 151
RGB Percent	71%, 50%, 59%
CMY	0.2902, 0.5019, 0.4078
CMYK	0.00, 0.30, 0.17, 0.29
HSL	333°, 27%, 60%
HSV	333°, 30%, 71%
XYZ	32.2313, 27.2369, 32.8366
YIQ	145.8820, 24.4800, 18.9120

Conversions

Conversions Part 2

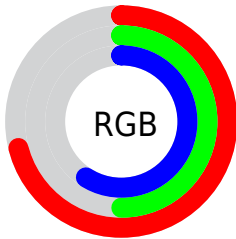
Format	Color
RYB	181, 127, 151
Decimal	11894679
CIELab	59.19, 24.56, -4.48
CIELCh	59, 24.969, 349.669
Yxy	27.2369, 0.3492, 0.2951
Android (android.graphics.Color)	4290084759 (0xFFB57F97)
YUV	145.8820, 2.5232, 30.7985
Hunter-Lab	52.1890, 18.9088, -0.7722

Details

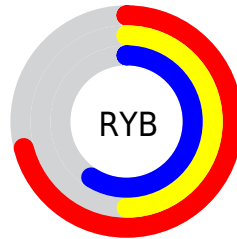
The XYZ color **32.2313, 27.2369, 32.8366** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **31.3632, 39.9947, 37.9669**, and the grayscale version is **27.2570, 28.6764, 31.2286**.

A 20% lighter version of the original color is **62.6006, 55.2274, 65.1182**, and **13.7065, 10.7399, 13.4072** is the 20% darker color. If you saturate the color by 10%, you get **29.3182, 22.6622, 28.0067**, and if you desaturate by 10%, it is **35.6356, 32.6818, 38.1746**.

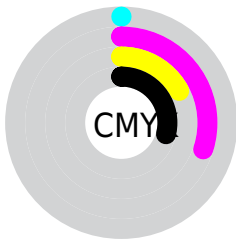
Distribution



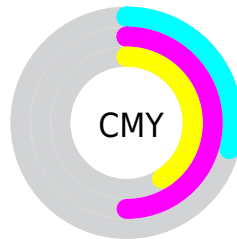
- Red (71%)
- Green (50%)
- Blue (59%)



- Red (71%)
- Yellow (50%)
- Blue (59%)



- Cyan (0%)
- Magenta (30%)
- Yellow (17%)
- Black (29%)




- Cyan (29%)
- Magenta (50%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.2313, 27.2369, 32.8366 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 32.2313, 27.2369, 32.8366 by changing the saturation by 10% instead.


 32.2313, 27.2369,
32.8366


 32.2313, 27.2369,
32.8366


303.8982,
288.8023, 329.5222

 21.6946, 17.7512,
21.7312


 62.5363, 55.2638,
65.2334

 13.7480, 10.7715,
13.4631


 83.0353, 74.5738,
87.3619

 8.0262, 5.9134,
7.6137


 107.5858, 97.9273,
114.0018

 4.1636, 2.7925,
3.7646

136.5531,
125.7088, 145.5718

 1.7951, 1.0244,
1.4971

170.3027,
158.3027, 182.4902

 0.5147, 0.0000,
0.2158

209.1998,

 0.0000, 0.0000,

196.0933, 225.1758

0.0000

253.6098,
239.4650, 274.0469

■ 32.2313, 27.2369,
32.8366

■ 32.2313, 27.2369,
32.8366

■ 29.3182, 22.6622,
28.0067

■ 35.6356, 32.6818,
38.1746

■ 26.8697, 18.9083,
23.6665

■ 39.5512, 39.0356,
44.0347

■ 24.8602, 15.9265,
19.7991

■ 43.9999, 46.3388,
50.4325

■ 23.2605, 13.6615,
16.3853

■ 49.0017, 54.6287,
57.3823

■ 22.0376, 12.0504,
13.4045

■ 54.5751, 63.9405,
64.8977

■ 21.1529, 11.0192,
10.8336

■ 60.7383, 74.3076,
72.9921

■ 20.5299, 10.4186,
8.6365

■ 67.5081, 85.7618,
81.6781

■ 20.5203, 10.4095,
8.6022

■ 69.3037, 87.1388,
89.1022

■ 70.7692, 87.7250,
96.8193

Harmonies

Analogous

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



30.7220, 27.2369, 42.1860



32.2313, 27.2369, 32.8366



31.9404, 27.2369, 24.2547

Triad

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



32.2313, 27.2369, 32.8366



23.9258, 27.2369, 16.2704



22.2055, 27.2369, 44.7304

Complementary

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



32.2313, 27.2369, 32.8366



31.3632, 39.9947, 37.9669

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.



20.6527, 27.2369, 35.8057



32.2313, 27.2369, 32.8366



21.5895, 27.2369, 19.8914

Square

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



32.2313, 27.2369, 32.8366



26.9757, 27.2369, 15.7914



20.4366, 27.2369, 26.6884



24.8296, 27.2369, 49.9094

Rectangle

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



32.2313, 27.2369, 32.8366



30.7718, 27.2369, 20.0078



20.4366, 27.2369, 26.6884



21.5501, 27.2369, 41.9945

Sweetspot

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



32.2321, 27.2382, 32.8372



71.3474, 70.7482, 79.6150



29.7771, 25.6544, 47.0986



15.1885, 14.9121, 16.8671



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.



32.2321, 27.2382, 32.8372



54.1007, 43.0698, 52.8564



30.8306, 27.2430, 23.7138



8.6480, 8.5659, 9.6450



14.1801, 7.1896, 6.1083



0.4757, 0.2380, 0.3477

Inverse Universe

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



32.2321, 27.2382, 32.8372



54.1007, 43.0698, 52.8564



33.0739, 39.8091, 49.6570



8.6480, 8.5659, 9.6450



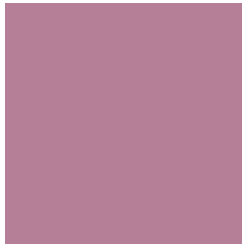
14.1801, 7.1896, 6.1083



0.4757, 0.2380, 0.3477

Previews

White Background



This preview shows how the XYZ color 32.2313, 27.2369, 32.8366 looks on a white background.

Color Contrast Check

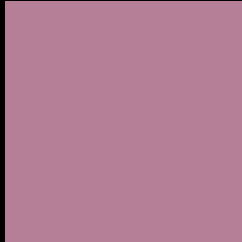
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.2313, 27.2369, 32.8366 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 32.2313, 27.2369, 32.8366

Background



This preview shows how black text looks on a background with the XYZ color 32.2313, 27.2369, 32.8366.



This preview shows how white text looks on a background with the XYZ color 32.2313, 27.2369,

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

32.2313, 27.2369, 32.8366

Protanopia

26.8334, 27.4595, 37.1437

Deuteranopia

27.9839, 27.5052, 32.2679



Tritanopia

31.3328, 27.2679, 28.0379

Trichromacy



Original Color

32.2313, 27.2369, 32.8366

Protanomaly

28.5490, 27.2942, 35.6619

Deuteranomaly

29.4788, 27.4225, 32.5935

Tritanomaly

31.4995, 27.1248, 29.5620

Monochromacy



Original Color

32.2313, 27.2369, 32.8366

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

28.8760, 27.9743, 31.8946

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.2313, 27.2369, 32.8366 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(181, 127, 151)` looks like.

```
.text, #text, p{  
    color:rgb(181, 127, 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(181, 127, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 127, 151) }
```

Border

The CSS property to change the border of an element to XYZ 32.2313, 27.2369, 32.8366 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(181, 127, 151) }
```


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

```
.border{ border-color:rgb(181, 127, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 127, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 127, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 127, 151);  
box-shadow:4px 4px 4px 4px rgb(181, 127,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 32.2313, 27.2369, 32.8366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 127, 151) }
```

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

```
.background{ background-color: rgb(181,  
127, 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](#).

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