

Converting Colors

XYZ(34.0051, 32.4973, 28.1473)

Have a look what the booklet for
XYZ(34.0051, 32.4973, 28.1473)
contains.

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Color

**XYZ(34.0051, 32.4973,
28.1473)**

Conversions

Conversions Part 1

Format	Color
Hex	B59389
RGB	181, 147, 137
RGB Percent	71%, 58%, 54%
CMY	0.2902, 0.4235, 0.4627
CMYK	0.00, 0.19, 0.24, 0.29
HSL	14°, 23%, 62%
HSV	14°, 24%, 71%
XYZ	34.0051, 32.4973, 28.1473
YIQ	156.0260, 23.4740, 4.0980

Conversions

Conversions Part 2

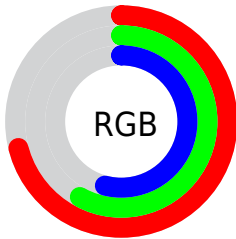
Format	Color
RYB	181, 150, 137
Decimal	11899785
CIELab	63.75, 11.20, 10.10
CIElCh	64, 15.077, 42.046
Yxy	32.4973, 0.3593, 0.3433
Android (android.graphics.Color)	4290089865 (0xFFB59389)
YUV	156.0260, -9.3798, 21.9022
Hunter-Lab	57.0064, 6.7165, 10.6296

Details

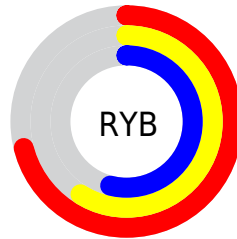
The XYZ color **34.0051, 32.4973, 28.1473** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **33.2196, 37.7794, 49.2575**, and the grayscale version is **31.6454, 33.2934, 36.2566**.

A 20% lighter version of the original color is **65.1060, 63.4955, 57.5396**, and **14.6556, 13.5659, 10.8629** is the 20% darker color. If you saturate the color by 10%, you get **30.7702, 27.9337, 21.1917**, and if you desaturate by 10%, it is **37.7240, 37.6798, 36.3396**.

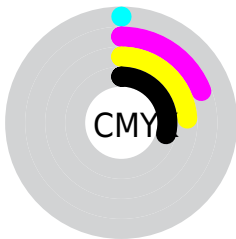
Distribution



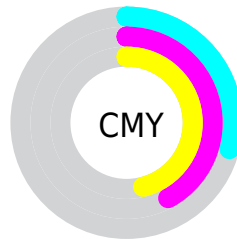
- Red (71%)
- Green (58%)
- Blue (54%)



- Red (71%)
- Yellow (59%)
- Blue (54%)



- Cyan (0%)
- Magenta (19%)
- Yellow (24%)
- Black (29%)





- Cyan (29%)
- Magenta (42%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.0051, 32.4973, 28.1473 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 34.0051, 32.4973, 28.1473 by changing the saturation by 10% instead.


 34.0051, 32.4973,
28.1473


 34.0051, 32.4973,
28.1473


311.7403,
313.3784, 307.1042


 23.0604, 21.7416,
18.1967


 65.2858, 63.5899,
57.7455

 14.7591, 13.6672,
10.9204


 86.3526, 84.6956,
78.2301

 8.7357, 7.8895,
5.8998


 111.5241,
110.0201, 103.0632

 4.6249, 4.0244,
2.7165

141.1657,
139.9478, 132.6633

 2.0614, 1.6872,
0.9517

175.6428,
174.8631, 167.4489

 0.6681, 0.4153,
0.0000

215.3207,

 0.0000, 0.0000,

215.1504, 207.8385

0.0000

260.5647,
261.1940, 254.2508

■ 34.0051, 32.4973,
28.1473

■ 34.0051, 32.4973,
28.1473

■ 30.7702, 27.9337,
21.1917

■ 37.7240, 37.6798,
36.3396

■ 27.9963, 23.9614,
15.4104

■ 41.9434, 43.4987,
45.8228

■ 25.6626, 20.5570,
10.7386

■ 46.6821, 49.9764,
56.6503

■ 23.7453, 17.6941,
7.1044

■ 51.9573, 57.1327,
68.8717

■ 22.2186, 15.3439,
4.4275

■ 57.7852, 64.9868,
82.5345

■ 21.0533, 13.4751,
2.6153

■ 64.1815, 73.5570,
97.6836

■ 20.2155, 12.0522,
1.5566

■ 69.7280, 82.2877,
106.8158

■ 19.8543, 11.4201,
1.1579

■ 72.8661, 88.5638,
107.8618

Harmonies

Analogous

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



35.0352, 32.4973, 33.0101



34.0051, 32.4973, 28.1473



32.1575, 32.4973, 25.4263

Triad

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



34.0051, 32.4973, 28.1473



27.1806, 32.4973, 31.9161



31.7437, 32.4973, 48.0313

Complementary

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



34.0051, 32.4973, 28.1473



33.2196, 37.7794, 49.2575

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.



29.6518, 32.4973, 47.6516



34.0051, 32.4973, 28.1473



27.0811, 32.4973, 37.8691

Square

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



34.0051, 32.4973, 28.1473



28.2450, 32.4973, 27.4253



27.9669, 32.4973, 43.7656



33.6903, 32.4973, 44.7503

Rectangle

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



34.0051, 32.4973, 28.1473



30.7428, 32.4973, 24.9802



27.9669, 32.4973, 43.7656



31.0330, 32.4973, 48.3370

Sweetspot

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



34.0060, 32.4988, 28.1480



72.9050, 74.8610, 77.0590



35.3973, 30.6736, 42.8169



15.6601, 16.0462, 16.4358



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.



34.0060, 32.4988, 28.1480



57.7988, 53.8378, 43.6946



37.6730, 39.8328, 29.3703



8.6479, 8.8084, 8.8969



13.7316, 7.9617, 0.8130



0.4763, 0.3389, 0.0403

Inverse Universe

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



33.2196, 37.7794, 49.2575



56.1485, 64.8755, 87.8575



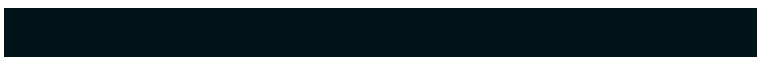
29.4788, 30.2978, 48.0106



8.5756, 9.2973, 10.8489



12.2536, 15.3075, 32.4458



0.4259, 0.5622, 1.0343

Previews

White Background



This preview shows how the XYZ color 34.0051, 32.4973, 28.1473 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 34.0051, 32.4973, 28.1473 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 ✓ Pass

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

XYZ 34.0051, 32.4973, 28.1473

Background



This preview shows how black text looks on a background with the XYZ color 34.0051, 32.4973, 28.1473.



This preview shows how white text looks on a background with the XYZ color 34.0051, 32.4973,

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

34.0051, 32.4973, 28.1473

Protanopia

31.0613, 32.6114, 29.8568

Deuteranopia

33.1673, 32.5311, 28.1979



Tritanopia

35.4181, 32.3804, 35.3936

Trichromacy



Original Color

34.0051, 32.4973, 28.1473

Protanomaly

31.9487, 32.3515, 29.3715

Deuteranomaly

33.4654, 32.4509, 28.1668

Tritanomaly

34.7621, 32.3340, 32.4259

Monochromacy



Original Color

34.0051, 32.4973, 28.1473

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

32.3331, 32.9517, 33.0900

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.0051, 32.4973, 28.1473 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, 147, 137)` looks like.

```
.text, #text, p{  
    color:rgb(181, 147, 137)  
}
```

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, 147, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 147, 137) }
```

Border

The CSS property to change the border of an element to XYZ 34.0051, 32.4973, 28.1473 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, 147, 137) }
```


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

```
.border{ border-color:rgb(181, 147, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 147, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 147, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 147, 137);  
box-shadow:4px 4px 4px 4px rgb(181, 147,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 34.0051, 32.4973, 28.1473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 147, 137) }
```

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

```
.background{ background-color: rgb(181,  
147, 137) }
```

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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