

Converting Colors

XYZ(34.3051, 33.2183, 27.8171)

Have a look what the booklet for
XYZ(34.3051, 33.2183, 27.8171)
contains.

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Color

**XYZ(34.2474, 33.0962,
27.8757)**

Conversions

Conversions Part 1

Format	Color
Hex	B59588
RGB	181, 149, 136
RGB Percent	71%, 58%, 53%
CMY	0.2902, 0.4157, 0.4667
CMYK	0.00, 0.18, 0.25, 0.29
HSL	17°, 23%, 62%
HSV	17°, 25%, 71%
XYZ	34.2474, 33.0962, 27.8757
YIQ	157.0860, 23.2450, 2.7410

Conversions

Conversions Part 2

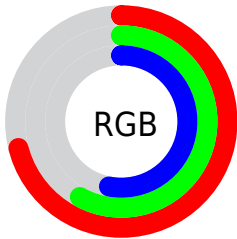
Format	Color
RYB	181, 154, 136
Decimal	11900296
CIELab	64.24, 9.94, 11.35
CIELCh	64, 15.085, 48.789
Yxy	33.0962, 0.3597, 0.3476
Android (android.graphics.Color)	4290090376 (0xFFB59588)
YUV	157.0860, -10.3954, 20.9726
Hunter-Lab	57.5293, 5.5854, 11.5417

Details

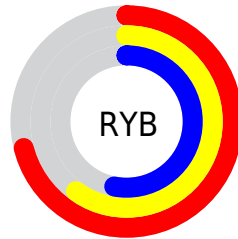
The XYZ color **34.2474, 33.0962, 27.8757** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **32.4961, 36.5746, 49.0631**, and the grayscale version is **32.1252, 33.7982, 36.8062**.

A 20% lighter version of the original color is **65.4663, 64.3905, 57.1223**, and **14.7998, 13.9193, 10.7108** is the 20% darker color. If you saturate the color by 10%, you get **31.1434, 28.7758, 21.0216**, and if you desaturate by 10%, it is **37.7954, 37.9566, 35.9504**.

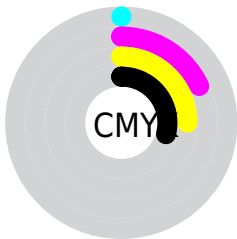
Distribution



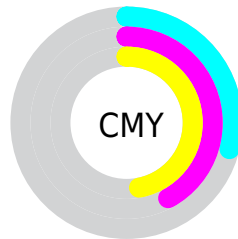
- Red (71%)
- Green (58%)
- Blue (53%)



- Red (71%)
- Yellow (60%)
- Blue (53%)



- Cyan (0%)
- Magenta (18%)
- Yellow (25%)
- Black (29%)





- Cyan (29%)
- Magenta (42%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.2474, 33.0962, 27.8757 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 34.2474, 33.0962, 27.8757 by changing the saturation by 10% instead.


 34.2474, 33.0962,
27.8757


 34.2474, 33.0962,
27.8757

312.8003,
316.0830, 305.7657


 23.2475, 22.2002,
17.9938

 65.6599, 64.5257,
57.3066

 14.8981, 14.0040,
10.7761


 86.8033, 85.8279,
77.6927

 8.8337, 8.1235,
5.8042


 112.0586,
111.3677, 102.4173

 4.6891, 4.1741,
2.6595

141.7910,
141.5293, 131.8988

 2.0989, 1.7714,
0.9230

176.3661,
176.6973, 166.5559

 0.6886, 0.4693,
0.0000

216.1491,

 0.0000, 0.0000,

217.2560, 206.8070

0.0000

261.5054,
263.5897, 253.0708

■ 34.2474, 33.0962,
27.8757

■ 34.2474, 33.0962,
27.8757

■ 31.1434, 28.7758,
21.0216

■ 37.7954, 37.9566,
35.9504

■ 28.4626, 24.9719,
15.3261

■ 41.8020, 43.3704,
45.2992

■ 26.1865, 21.6659,
10.7249

■ 46.2841, 49.3562,
55.9752

■ 24.2937, 18.8363,
7.1465

■ 51.2571, 55.9303,
68.0277

■ 22.7610, 16.4601,
4.5110

■ 56.7356, 63.1085,
81.5035

■ 21.5622, 14.5120,
2.7260

■ 62.7336, 70.9058,
96.4471

■ 20.6668, 12.9636,
1.6800

■ 67.9996, 78.8307,
106.2396

■ 20.2977, 12.3070,
1.3057

■ 71.9045, 86.6405,
107.5413

■ 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.



35.5168, 33.0962, 32.3712



34.2474, 33.0962, 27.8757



32.2640, 33.0962, 25.6657

Triad

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



34.2474, 33.0962, 27.8757



27.5897, 33.0962, 33.7925



32.8014, 33.0962, 48.3876

Complementary

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



34.2474, 33.0962, 27.8757



32.4961, 36.5746, 49.0631

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.



30.6635, 33.0962, 48.8801



34.2474, 33.0962, 27.8757



27.7189, 33.0962, 39.9678

Square

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



34.2474, 33.0962, 27.8757



28.4610, 33.0962, 28.8144



28.8223, 33.0962, 45.6514



34.6561, 33.0962, 44.3738

Rectangle

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



34.2474, 33.0962, 27.8757



30.8322, 33.0962, 25.5968



28.8223, 33.0962, 45.6514



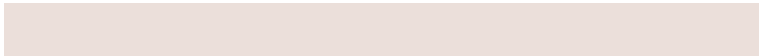
32.0901, 33.0962, 48.9862

Sweetspot

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



34.2483, 33.0977, 27.8764



73.1745, 75.3999, 77.1488



34.9517, 30.2689, 41.1686



15.7227, 16.1714, 16.4567



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.



34.2483, 33.0977, 27.8764



58.1063, 54.7956, 42.7403



38.1104, 40.8219, 29.1637



8.6898, 8.8921, 8.9109



14.0455, 8.5895, 0.9177



0.4933, 0.3730, 0.0460

Inverse Universe

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



32.4961, 36.5746, 49.0631



54.4059, 62.1170, 87.4169



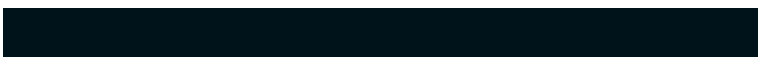
28.7346, 29.0516, 47.8092



8.5311, 9.2084, 10.8341



11.1958, 13.1919, 32.0932



0.3994, 0.5092, 1.0255

Previews

White Background



This preview shows how the XYZ color 34.2474, 33.0962, 27.8757 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 34.2474, 33.0962, 27.8757 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

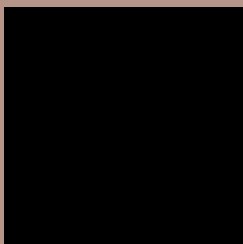
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.2474, 33.0962, 27.8757

Background



This preview shows how black text looks on a background with the XYZ color 34.2474, 33.0962, 27.8757.



This preview shows how white text looks on a background with the XYZ color 34.2474, 33.0962,

27.8757.

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

34.2474, 33.0962, 27.8757

Protanopia

31.4858, 33.0933, 29.1543

Deuteranopia

33.7104, 33.0552, 27.8961



Tritanopia

35.8931, 33.0594, 36.3876

Trichromacy



Original Color

34.2474, 33.0962, 27.8757

Protanomaly

32.5562, 33.1635, 28.7301

Deuteranomaly

33.9407, 33.1740, 27.9069

Tritanomaly

35.1499, 32.9824, 32.9474

Monochromacy



Original Color

34.2474, 33.0962, 27.8757

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

32.7063, 33.3881, 33.1545

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.2474, 33.0962, 27.8757 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, 149, 136)` looks like.

```
.text, #text, p{  
    color:rgb(181, 149, 136)  
}
```

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, 149, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 149, 136) }
```

Border

The CSS property to change the border of an element to XYZ 34.2474, 33.0962, 27.8757 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, 149, 136) }
```


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

```
.border{ border-color:rgb(181, 149, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 149, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 149, 136); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 149, 136); box-shadow:4px 4px 4px 4px rgb(181, 149, 136) }
```

Background

The CSS property to change the background color of an element to XYZ 34.2474, 33.0962, 27.8757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 149, 136) }
```

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

```
.background{ background-color: rgb(181,  
149, 136) }
```

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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