

Converting Colors

XYZ(34.8512, 33.0274, 42.6249)

Have a look what the booklet for
XYZ(34.8512, 33.0274, 42.6249)
contains.

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Color

**XYZ(34.7977, 33.0551,
42.5764)**

Conversions

Conversions Part 1

Format	Color
Hex	AB95AA
RGB	171, 149, 170
RGB Percent	67%, 58%, 67%
CMY	0.3294, 0.4157, 0.3333
CMYK	0.00, 0.13, 0.01, 0.33
HSL	303°, 12%, 63%
HSV	303°, 13%, 67%
XYZ	34.7977, 33.0551, 42.5764
YIQ	157.9720, 6.3710, 11.1950

Conversions

Conversions Part 2

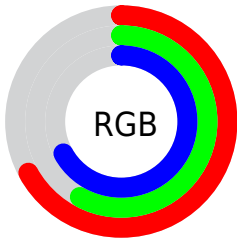
Format	Color
R_{YB}	171, 149, 170
Decimal	11244970
CIE _{Lab}	64.21, 11.98, -7.97
CIE _{LCh}	64, 14.384, 326.372
Yxy	33.0551, 0.3151, 0.2993
Android (android.graphics.Color)	4289435050 (0xFFAB95AA)
YUV	157.9720, 5.9298, 11.4256
Hunter-Lab	57.4936, 7.4225, -3.6612

Details

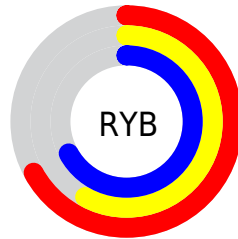
The XYZ color **34.7977, 33.0551, 42.5764** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.4636, 37.7183, 34.4253**, and the grayscale version is **32.4594, 34.1499, 37.1892**.

A 20% lighter version of the original color is **66.3106, 64.3169, 80.1536**, and **15.2454, 13.9653, 19.0316** is the 20% darker color. If you saturate the color by 10%, you get **32.2155, 28.0075, 41.3542**, and if you desaturate by 10%, it is **37.7795, 38.9002, 43.9347**.

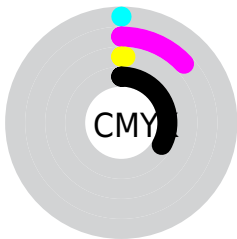
Distribution



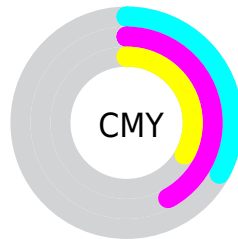
- Red (67%)
- Green (58%)
- Blue (67%)



- Red (67%)
- Yellow (58%)
- Blue (67%)



- Cyan (0%)
- Magenta (13%)
- Yellow (1%)
- Black (33%)



- Cyan (33%)
- Magenta (42%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.7977, 33.0551, 42.5764 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 34.7977, 33.0551, 42.5764 by changing the saturation by 10% instead.

■ 34.7977, 33.0551,
42.5764

■ 34.7977, 33.0551,
42.5764

315.1982,
315.8979, 372.7367

■ 23.6729, 22.1687,
29.2240

■ 66.5083, 64.4615,
80.3507

■ 15.2146, 13.9809,
19.0033

■ 87.8249, 85.7503,
105.6097

■ 9.0574, 8.1074,
11.4958

113.2693,
111.2754, 135.6746

■ 4.8360, 4.1637,
6.2830

143.2071,
141.4210, 170.9639

■ 2.1852, 1.7656,
2.9464

178.0035,
176.5717, 211.8963

■ 0.7349, 0.4656,
1.0673

218.0239,

■ 0.0000, 0.0000,

217.1119, 258.8901

0.0000

263.6337,
263.4258, 312.3641

■ 34.7977, 33.0551,
42.5764

■ 34.7977, 33.0551,
42.5764

■ 32.2155, 28.0075,
41.3542

■ 37.7795, 38.9002,
43.9347

■ 30.0127, 23.7186,
40.2603

■ 41.1742, 45.5709,
45.4324

■ 28.1718, 20.1529,
39.2892

■ 44.9981, 53.0991,
47.0752

■ 26.6728, 17.2702,
38.4341

■ 49.2656, 61.5139,
48.8681

■ 25.4937, 15.0264,
37.6878

■ 53.9906, 70.8430,
50.8157

■ 24.6098, 13.3726,
37.0420

■ 59.1862, 81.1128,
52.9223

■ 23.9931, 12.2523,
36.4875

■ 60.3363, 83.2906,
53.6826

■ 23.6099, 11.5984,
36.0128

■ 60.4131, 83.3214,
54.0873

■ 23.4260, 11.3105,
35.7053

■ 60.4904, 83.3523,
54.4943

Harmonies

Analogous

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



33.1923, 33.0551, 47.0207



34.7977, 33.0551, 42.5764



35.4964, 33.0551, 36.7067

Triad

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



34.7977, 33.0551, 42.5764



31.6667, 33.0551, 25.9059



28.0337, 33.0551, 41.2144

Complementary

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



34.7977, 33.0551, 42.5764



32.4636, 37.7183, 34.4253

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.



27.6643, 33.0551, 35.2854



34.7977, 33.0551, 42.5764



29.7079, 33.0551, 26.8376

Square

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



34.7977, 33.0551, 42.5764



33.6401, 33.0551, 27.4262



28.2643, 33.0551, 30.1230



29.2957, 33.0551, 46.1766

Rectangle

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



34.7977, 33.0551, 42.5764



35.3327, 33.0551, 32.9174



28.2643, 33.0551, 30.1230



27.8035, 33.0551, 39.2510

Sweetspot

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



34.7987, 33.0565, 42.5771



66.9772, 68.3266, 78.3772



30.6283, 30.8956, 42.8777



14.8442, 15.0566, 17.4370



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



34.7987, 33.0565, 42.5771



61.1470, 56.9026, 75.7049



33.8243, 32.6668, 37.4461



8.3211, 8.1417, 10.0018



17.6649, 8.5285, 26.9446



0.4961, 0.2391, 0.7744

Inverse Universe

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



34.7987, 33.0565, 42.5771



61.1470, 56.9026, 75.7049



33.3680, 38.0800, 39.1877



8.3211, 8.1417, 10.0018



17.6649, 8.5285, 26.9446



0.4961, 0.2391, 0.7744

Previews

White Background



This preview shows how the XYZ color 34.7977, 33.0551, 42.5764 looks on a white background.

Color Contrast Check

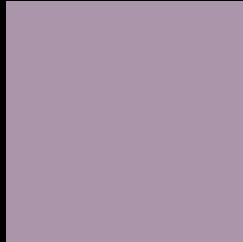
Large Text (above 18pt) WCAG AA × Fail

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 34.7977, 33.0551, 42.5764 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 34.7977, 33.0551, 42.5764

Background



This preview shows how black text looks on a background with the XYZ color 34.7977, 33.0551, 42.5764.



This preview shows how white text looks on a background with the XYZ color 34.7977, 33.0551,

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

34.7977, 33.0551, 42.5764

Protanopia

32.4982, 33.2710, 44.7535

Deuteranopia

33.8394, 33.0348, 42.6230



Tritanopia

34.0055, 32.9674, 38.7535

Trichromacy



Original Color

34.7977, 33.0551, 42.5764

Protanomaly

33.4313, 33.2732, 44.1955

Deuteranomaly

34.0984, 32.9305, 42.5892

Tritanomaly

34.2754, 33.0754, 40.1750

Monochromacy



Original Color

34.7977, 33.0551, 42.5764

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

33.3472, 33.8379, 38.9562

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.7977, 33.0551, 42.5764 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(171, 149, 170)` looks like.

```
.text, #text, p{  
    color:rgb(171, 149, 170)  
}
```

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(171, 149, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 149, 170) }
```

Border

The CSS property to change the border of an element to XYZ 34.7977, 33.0551, 42.5764 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(171, 149, 170) }
```


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

```
.border{ border-color:rgb(171, 149, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 149, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 149, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 149, 170);  
box-shadow:4px 4px 4px 4px rgb(171, 149,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 34.7977, 33.0551, 42.5764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 149, 170) }
```

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

```
.background{ background-color: rgb(171,  
149, 170) }
```

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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