

Converting Colors

XYZ(33.9534, 33.4893, 24.7532)

Have a look what the booklet for
XYZ(33.9534, 33.4893, 24.7532)
contains.

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Color

**XYZ(33.9534, 33.4893,
24.7532)**

Conversions

Conversions Part 1

Format	Color
Hex	B5977F
RGB	181, 151, 127
RGB Percent	71%, 59%, 50%
CMY	0.2902, 0.4078, 0.5020
CMYK	0.00, 0.17, 0.30, 0.29
HSL	27°, 27%, 60%
HSV	27°, 30%, 71%
XYZ	33.9534, 33.4893, 24.7532
YIQ	157.2340, 25.5840, -1.1040

Conversions

Conversions Part 2

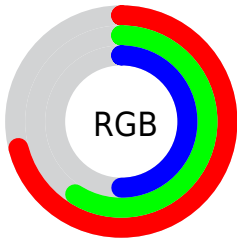
Format	Color
RYB	181, 170, 127
Decimal	11900799
CIELab	64.56, 7.55, 16.82
CIELCh	65, 18.442, 65.822
Yxy	33.4893, 0.3683, 0.3632
Android (android.graphics.Color)	4290090879 (0xFFB5977F)
YUV	157.2340, -14.9054, 20.8428
Hunter-Lab	57.8699, 3.4570, 15.1483

Details

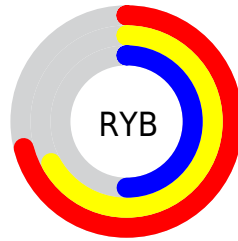
The XYZ color **33.9534, 33.4893, 24.7532** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **29.1494, 31.9611, 48.3488**, and the grayscale version is **32.2109, 33.8883, 36.9044**.

A 20% lighter version of the original color is **65.3294, 65.1351, 52.3091**, and **14.6847, 14.1764, 9.1701** is the 20% darker color. If you saturate the color by 10%, you get **31.3286, 29.9609, 18.5720**, and if you desaturate by 10%, it is **36.9299, 37.3816, 32.0980**.

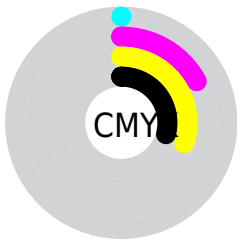
Distribution



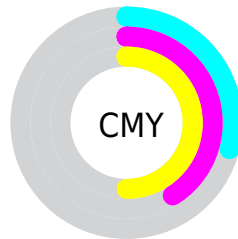
- Red (71%)
- Green (59%)
- Blue (50%)



- Red (71%)
- Yellow (67%)
- Blue (50%)



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





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

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.9534, 33.4893, 24.7532 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 33.9534, 33.4893, 24.7532 by changing the saturation by 10% instead.


 33.9534, 33.4893,
24.7532


 33.9534, 33.4893,
24.7532


311.5138,
317.8488, 290.0148


 23.0205, 22.5015,
15.6759


 65.2060, 65.1387,
52.2157

 14.7294, 14.2259,
9.1433

 86.2564, 86.5691,
71.4380

 8.7148, 8.2779,
4.7367


 111.4100,
112.2492, 94.8791

 4.6112, 4.2733,
2.0376

141.0322,
142.5634, 122.9575

 2.0534, 1.8276,
0.5782

175.4883,
177.8961, 156.0917

 0.6637, 0.5043,
0.0000

215.1437,

 0.0000, 0.0000,

218.6316, 194.7003

0.0000

260.3637,
265.1544, 239.2018

■ 33.9534, 33.4893,
24.7532

■ 33.9534, 33.4893,
24.7532

■ 31.3286, 29.9609,
18.5720

■ 36.9299, 37.3816,
32.0980

■ 29.0382, 26.7804,
13.4913

■ 40.2693, 41.6439,
40.6606

■ 27.0670, 23.9373,
9.4453

■ 43.9854, 46.2882,
50.4945

■ 25.3975, 21.4185,
6.3601

■ 48.0907, 51.3242,
61.6493

■ 24.0101, 19.2100,
4.1519

■ 52.5967, 56.7616,
74.1719

■ 22.8823, 17.2963,
2.7221

■ 57.5148, 62.6093,
88.1069

■ 21.9724, 15.6538,
1.8721

■ 62.8556, 68.8763,
103.4969

■ 21.9584, 15.6284,
1.8592

■ 65.8048, 74.4412,
105.5081

■ 68.7073, 80.2463,
106.4756

Harmonies

Analogous

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



36.1227, 33.4893, 28.6063



33.9534, 33.4893, 24.7532



31.3188, 33.4893, 23.8384

Triad

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



33.9534, 33.4893, 24.7532



27.0467, 33.4893, 37.9576



34.8922, 33.4893, 49.5556

Complementary

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



33.9534, 33.4893, 24.7532



29.1494, 31.9611, 48.3488

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.



32.3478, 33.4893, 52.9078



33.9534, 33.4893, 24.7532



27.8926, 33.4893, 45.6433

Square

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



33.9534, 33.4893, 24.7532



27.4242, 33.4893, 30.8326



29.7981, 33.4893, 51.3855



36.6854, 33.4893, 42.7428

Rectangle

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



33.9534, 33.4893, 24.7532



29.6721, 33.4893, 24.8895



29.7981, 33.4893, 51.3855



34.0913, 33.4893, 51.1644

Sweetspot

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



33.9543, 33.4908, 24.7539



72.5544, 75.1297, 73.9522



32.7828, 27.4577, 35.7398



15.4857, 15.9908, 15.4730



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.



33.9543, 33.4908, 24.7539



57.5619, 55.6334, 36.6195



38.6882, 42.9587, 26.3319



8.7969, 9.1064, 8.9466



15.2047, 10.9080, 1.3041



0.5369, 0.4602, 0.0605

Inverse Universe

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



29.1494, 31.9611, 48.3488



47.5212, 52.4314, 85.9103



25.1559, 23.9740, 47.0176



8.4203, 8.9867, 10.7971



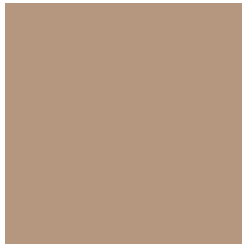
8.9974, 8.7951, 31.3604



0.3402, 0.3909, 1.0058

Previews

White Background



This preview shows how the XYZ color 33.9534, 33.4893, 24.7532 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 33.9534, 33.4893, 24.7532 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 33.9534, 33.4893, 24.7532

Background



This preview shows how black text looks on a background with the XYZ color 33.9534, 33.4893, 24.7532.



This preview shows how white text looks on a background with the XYZ color 33.9534, 33.4893,

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

33.9534, 33.4893, 24.7532

Protanopia

31.6436, 33.4956, 25.9166

Deuteranopia

34.1888, 33.6106, 24.7642



Tritanopia

36.3724, 33.5264, 36.9020

Trichromacy



Original Color

33.9534, 33.4893, 24.7532

Protanomaly

32.3126, 33.3541, 25.5038

Deuteranomaly

34.1888, 33.6106, 24.7642

Tritanomaly

35.3848, 33.3537, 32.1767

Monochromacy



Original Color

33.9534, 33.4893, 24.7532

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

32.6355, 33.6250, 31.9643

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.9534, 33.4893, 24.7532 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, 151, 127)` looks like.

```
.text, #text, p{  
    color:rgb(181, 151, 127)  
}
```

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, 151, 127) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 33.9534, 33.4893, 24.7532 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, 151, 127) }
```


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

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

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

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

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

Background

The CSS property to change the background color of an element to XYZ 33.9534, 33.4893, 24.7532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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