

Converting Colors

XYZ(34.5690, 33.0137, 19.7264)

Have a look what the booklet for
XYZ(34.5690, 33.0137, 19.7264)
contains.

XYZ(34.5382, 32.9623, 19.5809)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(34.5382, 32.9623,
19.5809)**

Conversions

Conversions Part 1

Format	Color
Hex	BE936F
RGB	190, 147, 111
RGB Percent	75%, 58%, 44%
CMY	0.2549, 0.4235, 0.5647
CMYK	0.00, 0.23, 0.42, 0.25
HSL	27°, 38%, 59%
HSV	27°, 42%, 75%
XYZ	34.5382, 32.9623, 19.5809
YIQ	155.7530, 37.1840, -2.0800

Conversions

Conversions Part 2

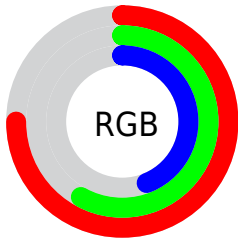
Format	Color
RYB	190, 177, 111
Decimal	12489583
CIELab	64.13, 11.41, 25.27
CIELCh	64, 27.723, 65.697
Yxy	32.9623, 0.3966, 0.3785
Android (android.graphics.Color)	4290679663 (0xFFBE936F)
YUV	155.7530, -22.0632, 30.0346
Hunter-Lab	57.4128, 6.9090, 19.9678

Details

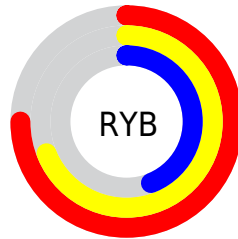
The XYZ color **34.5382, 32.9623, 19.5809** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **27.4050, 30.2073, 53.1014**, and the grayscale version is **31.5741, 33.2185, 36.1749**.

A 20% lighter version of the original color is **66.2089, 64.3741, 43.5862**, and **15.0717, 13.8755, 6.5865** is the 20% darker color. If you saturate the color by 10%, you get **32.0650, 29.5159, 14.1326**, and if you desaturate by 10%, it is **37.3801, 36.7900, 26.2506**.

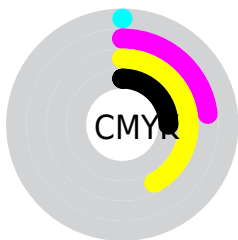
Distribution



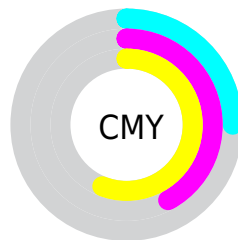
- Red (75%)
- Green (58%)
- Blue (44%)



- Red (75%)
- Yellow (69%)
- Blue (44%)



- Cyan (0%)
- Magenta (23%)
- Yellow (42%)
- Black (25%)





- Cyan (25%)
- Magenta (42%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.5382, 32.9623, 19.5809 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 34.5382, 32.9623, 19.5809 by changing the saturation by 10% instead.


 34.5382, 32.9623,
19.5809


 34.5382, 32.9623,
19.5809


314.0691,
315.4798, 262.1659


 23.4722, 22.0976,
11.9097


 66.1085, 64.3167,
43.5631


 15.0652, 13.9286,
6.5604


 87.3435, 85.5751,
60.7112

 8.9518, 8.0710,
3.1145


 112.6989,
111.0669, 81.8554

 4.7666, 4.1404,
1.1534

 142.5400,
141.1764, 107.4141

 2.1443, 1.7524,
0.0000

177.2323,
176.2880, 137.8060

 0.7131, 0.4573,
0.0000

217.1410,

 0.0000, 0.0000,

216.7862, 173.4496

0.0000

262.6314,
263.0554, 214.7634

■ 34.5382, 32.9623,
19.5809

■ 34.5382, 32.9623,
19.5809

■ 32.0650, 29.5159,
14.1326

■ 37.3801, 36.7900,
26.2506

■ 29.9401, 26.4328,
9.8276

■ 40.6050, 41.0068,
34.2093

■ 28.1445, 23.7003,
6.5814

■ 44.2290, 45.6260,
43.5220

■ 26.6558, 21.3029,
4.2972

■ 48.2669, 50.6589,
54.2487

■ 25.4482, 19.2234,
2.8595

■ 52.7324, 56.1164,
66.4456

■ 24.6105, 17.6977,
2.1189

■ 57.6386, 62.0087,
80.1661

■ 62.9980, 68.3458,
95.4607

■ 67.5072, 74.6112,
105.4511

■ 70.4664, 80.5296,
106.4375

Harmonies

Analogous

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



37.8643, 32.9623, 24.7019



34.5382, 32.9623, 19.5809



30.5867, 32.9623, 18.3984

Triad

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



34.5382, 32.9623, 19.5809



24.4065, 32.9623, 38.0782



35.9410, 32.9623, 56.4512

Complementary

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



34.5382, 32.9623, 19.5809



27.4050, 30.2073, 53.1014

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.



32.0846, 32.9623, 61.9677



34.5382, 32.9623, 19.5809



25.5937, 32.9623, 50.0310

Square

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



34.5382, 32.9623, 19.5809



24.9448, 32.9623, 27.7125



28.3263, 32.9623, 59.4020



38.7204, 32.9623, 45.5369

Rectangle

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



34.5382, 32.9623, 19.5809



28.1710, 32.9623, 19.7296



28.3263, 32.9623, 59.4020



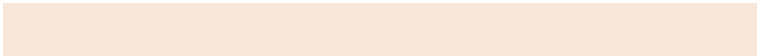
34.7161, 32.9623, 59.0916

Sweetspot

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



34.5390, 32.9639, 19.5816



79.7235, 82.1438, 77.7556



32.7901, 24.6645, 33.8015



17.3079, 17.7870, 16.5573



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



34.5390, 32.9639, 19.5816



58.4282, 53.9435, 26.2938



41.6740, 47.2338, 21.9599



9.8787, 10.2334, 10.0312



16.4411, 11.9210, 1.4344



0.7094, 0.5978, 0.0780

Inverse Universe

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



27.4050, 30.2073, 53.1014



43.7354, 48.2531, 95.2878



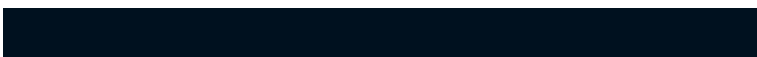
21.9752, 19.3476, 51.2915



9.4351, 10.0625, 12.1172



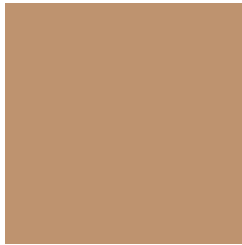
9.5116, 9.1350, 33.6548



0.4372, 0.4871, 1.3398

Previews

White Background



This preview shows how the XYZ color 34.5382, 32.9623, 19.5809 looks on a white background.

Color Contrast Check

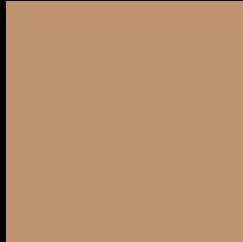
Large Text (above 18pt) WCAG AA × Fail

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 34.5382, 32.9623, 19.5809 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

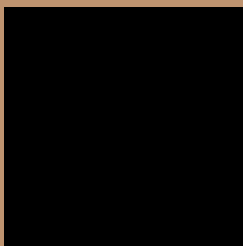
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.5382, 32.9623, 19.5809

Background



This preview shows how black text looks on a background with the XYZ color 34.5382, 32.9623, 19.5809.



This preview shows how white text looks on a background with the XYZ color 34.5382, 32.9623,

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

34.5382, 32.9623, 19.5809

Protanopia

30.9193, 33.2302, 21.0041

Deuteranopia

33.6243, 32.9569, 19.6280



Tritanopia

37.4405, 32.7861, 34.0608

Trichromacy



Original Color

34.5382, 32.9623, 19.5809

Protanomaly

32.1077, 33.1113, 20.6185

Deuteranomaly

33.9527, 32.8923, 19.5983

Tritanomaly

36.3301, 32.7885, 28.0809

Monochromacy



Original Color

34.5382, 32.9623, 19.5809

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

32.2733, 33.0007, 29.4797

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.5382, 32.9623, 19.5809 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(190, 147, 111)` looks like.

```
.text, #text, p{  
    color:rgb(190, 147, 111)  
}
```

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(190, 147, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 147, 111) }
```

Border

The CSS property to change the border of an element to XYZ 34.5382, 32.9623, 19.5809 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(190, 147, 111) }
```


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

```
.border{ border-color:rgb(190, 147, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 147, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 147, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 147, 111);  
box-shadow:4px 4px 4px 4px rgb(190, 147,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 34.5382, 32.9623, 19.5809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 147, 111) }
```

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

```
.background{ background-color: rgb(190,  
147, 111) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor