

Converting Colors

XYZ(33.9087, 34.4562, 32.6559)

Have a look what the booklet for
XYZ(33.9087, 34.4562, 32.6559)
contains.

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Color

**XYZ(33.9495, 34.5414,
32.4816)**

Conversions

Conversions Part 1

Format	Color
Hex	AB9C93
RGB	171, 156, 147
RGB Percent	67%, 61%, 58%
CMY	0.3294, 0.3882, 0.4235
CMYK	0.00, 0.09, 0.14, 0.33
HSL	23°, 12%, 62%
HSV	23°, 14%, 67%
XYZ	33.9495, 34.5414, 32.4816
YIQ	159.4590, 11.8290, 0.3810

Conversions

Conversions Part 2

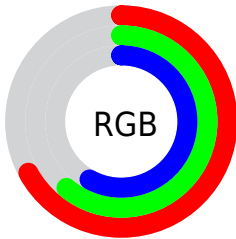
Format	Color
R_{YB}	171, 161, 147
Decimal	11246739
CIE Lab	65.39, 3.94, 6.69
CIE LCh	65, 7.766, 59.505
Yxy	34.5414, 0.3362, 0.3421
Android (android.graphics.Color)	4289436819 (0xFFAB9C93)
YUV	159.4590, -6.1423, 10.1215
Hunter-Lab	58.7719, 0.2593, 8.3724

Details

The XYZ color **33.9495, 34.5414, 32.4816** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.3035, 34.9833, 43.5783**, and the grayscale version is **33.1891, 34.9175, 38.0252**.

A 20% lighter version of the original color is **64.9532, 66.4790, 64.6667**, and **14.7706, 14.8696, 13.1580** is the 20% darker color. If you saturate the color by 10%, you get **30.9915, 30.6154, 25.3603**, and if you desaturate by 10%, it is **37.2666, 38.8658, 40.7076**.

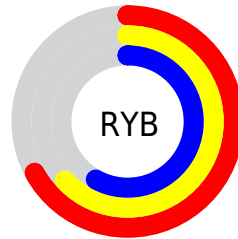
Distribution



Red (67%)

Green (61%)

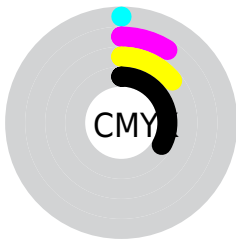
Blue (58%)



Red (67%)

Yellow (63%)

Blue (58%)

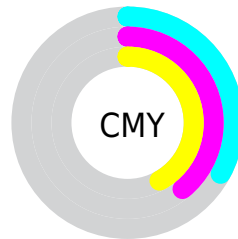


Cyan (0%)

Magenta (9%)

Yellow (14%)

Black (33%)



Cyan (33%)


Magenta (39%)

Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.9495, 34.5414, 32.4816 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 33.9495, 34.5414, 32.4816 by changing the saturation by 10% instead.


 33.9495, 34.5414,
32.4816


 33.9495, 34.5414,
32.4816


311.4967,
322.5394, 327.8674

 23.0175, 23.3098,
21.4618


 65.1999, 66.7747,
64.6720

 14.7272, 14.8224,
13.2674


 86.2491, 88.5452,
86.6796

 8.7132, 8.6949,
7.4801


111.4014,
114.5975, 113.1869

 4.6102, 4.5427,
3.6811

141.0221,
145.3160, 144.6124

 2.0528, 1.9815,
1.4521

175.4766,
181.0850, 181.3747

 0.6634, 0.5967,
0.1819

215.1303,

 0.0000, 0.0000,

222.2890, 223.8922

0.0000

260.3486,
269.3124, 272.5836

■ 33.9495, 34.5414,
32.4816

■ 33.9495, 34.5414,
32.4816

■ 30.9915, 30.6154,
25.3603

■ 37.2666, 38.8658,
40.7076

■ 28.3771, 27.0716,
19.2938

■ 40.9522, 43.5950,
50.0807

■ 26.0935, 23.8993,
14.2320

■ 45.0187, 48.7413,
60.6438

■ 24.1260, 21.0857,
10.1196

■ 49.4771, 54.3148,
72.4369

■ 22.4589, 18.6170,
6.8957

■ 54.3379, 60.3254,
85.4980

■ 21.0747, 16.4785,
4.4925

■ 59.6113, 66.7826,
99.8638

■ 19.9539, 14.6542,
2.8321

■ 63.3651, 72.9188,
105.3428

■ 19.0735, 13.1262,
1.8212

■ 66.4444, 79.0772,
106.3692

■ 18.6364, 12.3414,
1.3999

■ 69.7093, 85.6071,
107.4575

Harmonies

Analogous

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



34.7650, 34.5414, 34.6174



33.9495, 34.5414, 32.4816



32.8494, 34.5414, 31.7047

Triad

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



33.9495, 34.5414, 32.4816



30.6982, 34.5414, 37.5558



33.9161, 34.5414, 43.3103

Complementary

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



33.9495, 34.5414, 32.4816



32.3035, 34.9833, 43.5783

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.



32.8117, 34.5414, 44.2058



33.9495, 34.5414, 32.4816



30.9693, 34.5414, 40.7696

Square

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



33.9495, 34.5414, 32.4816



30.9874, 34.5414, 34.5291



31.7365, 34.5414, 43.2510



34.7454, 34.5414, 40.8684

Rectangle

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



33.9495, 34.5414, 32.4816



32.1079, 34.5414, 32.0254



31.7365, 34.5414, 43.2510



33.5640, 34.5414, 43.8082

Sweetspot

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



33.9504, 34.5429, 32.4823



66.7195, 69.5769, 72.8480



33.7681, 32.1416, 38.7003



14.7760, 15.3830, 15.9875



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.



33.9504, 34.5429, 32.4823



59.0031, 59.4901, 53.7948



36.0272, 38.6964, 33.1746



8.2422, 8.4892, 8.4175



14.0961, 9.3978, 1.0710



0.4457, 0.3685, 0.0476

Inverse Universe

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



32.3035, 34.9833, 43.5783



55.4477, 60.4397, 77.7455



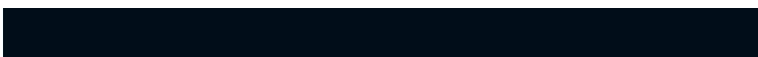
30.3221, 31.0204, 42.9178



7.9800, 8.5594, 10.1842



9.5451, 10.2241, 30.5149



0.3158, 0.3850, 0.8657

Previews

White Background



This preview shows how the XYZ color 33.9495, 34.5414, 32.4816 looks on a white background.

Color Contrast Check

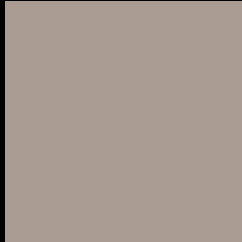
Large Text (above 18pt) WCAG AA × Fail

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 33.9495, 34.5414, 32.4816 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

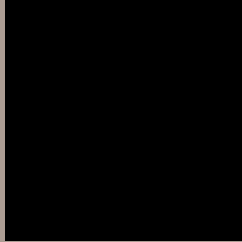
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.9495, 34.5414, 32.4816

Background



This preview shows how black text looks on a background with the XYZ color 33.9495, 34.5414, 32.4816.



This preview shows how white text looks on a background with the XYZ color 33.9495, 34.5414,

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

33.9495, 34.5414, 32.4816

Protanopia

32.8820, 34.4844, 32.9401

Deuteranopia

35.0966, 34.3856, 32.8043



Tritanopia

35.4163, 34.3833, 40.3673

Trichromacy



Original Color

33.9495, 34.5414, 32.4816

Protanomaly

33.3386, 34.4675, 32.9127

Deuteranomaly

34.5801, 34.3633, 32.8272

Tritanomaly

34.7404, 34.3505, 37.1470

Monochromacy



Original Color

33.9495, 34.5414, 32.4816

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

33.2475, 34.6068, 35.9378

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.9495, 34.5414, 32.4816 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, 156, 147)` looks like.

```
.text, #text, p{  
    color:rgb(171, 156, 147)  
}
```

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, 156, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 156, 147) }
```

Border

The CSS property to change the border of an element to XYZ 33.9495, 34.5414, 32.4816 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, 156, 147) }
```


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

```
.border{ border-color:rgb(171, 156, 147) }
```

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

Here you see how a box with a 4 pixel rgb(171, 156, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 156, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 156, 147);  
box-shadow:4px 4px 4px 4px rgb(171, 156,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 33.9495, 34.5414, 32.4816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 156, 147) }
```

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

```
.background{ background-color: rgb(171,  
156, 147) }
```

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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