

Converting Colors

XYZ(32.2181, 34.3294, 24.3136)

Have a look what the booklet for
XYZ(32.2181, 34.3294, 24.3136)
contains.

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Color

**XYZ(32.2907, 34.3694,
24.3341)**

Conversions

Conversions Part 1

Format	Color
Hex	A99E7D
RGB	169, 158, 125
RGB Percent	66%, 62%, 49%
CMY	0.3373, 0.3804, 0.5098
CMYK	0.00, 0.07, 0.26, 0.34
HSL	45°, 20%, 58%
HSV	45°, 26%, 66%
XYZ	32.2907, 34.3694, 24.3341
YIQ	157.5270, 17.1490, -7.9310

Conversions

Conversions Part 2

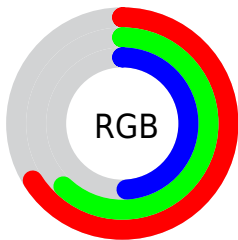
Format	Color
RYB	140, 169, 125
Decimal	11116157
CIELab	65.25, -1.35, 18.72
CIELCh	65, 18.772, 94.125
Yxy	34.3694, 0.3549, 0.3777
Android (android.graphics.Color)	4289306237 (0xFFA99E7D)
YUV	157.5270, -16.0358, 10.0618
Hunter-Lab	58.6254, -4.2772, 16.4278

Details

The XYZ color **32.2907, 34.3694, 24.3341** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **24.4229, 24.8322, 41.0421**, and the grayscale version is **32.3508, 34.0356, 37.0647**.

A 20% lighter version of the original color is **62.8815, 66.8104, 51.7010**, and **13.7647, 14.7502, 8.9591** is the 20% darker color. If you saturate the color by 10%, you get **30.5939, 32.5588, 18.8877**, and if you desaturate by 10%, it is **34.1978, 36.3061, 30.7578**.

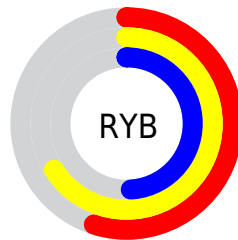
Distribution



Red (66%)

Green (62%)

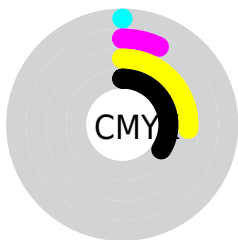
Blue (49%)



Red (55%)

Yellow (66%)

Blue (49%)

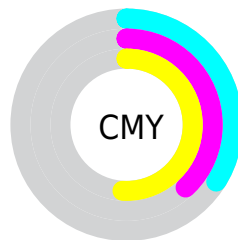


Cyan (0%)

Magenta (7%)

Yellow (26%)

Black (34%)



Cyan (34%)

Magenta (38%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.2907, 34.3694, 24.3341 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 32.2907, 34.3694, 24.3341 by changing the saturation by 10% instead.

■ 32.2907, 34.3694,
24.3341

■ 32.2907, 34.3694,
24.3341

304.1632,
321.7761, 287.8460

■ 21.7403, 23.1775,
15.3672

■ 62.6287, 66.5077,
51.5255

■ 13.7817, 14.7246,
8.9280

■ 83.1469, 88.2229,
70.5870

■ 8.0497, 8.6264,
4.5981

■ 107.7184,
114.2147, 93.8505

■ 4.1788, 4.4983,
1.9589

136.7086,
144.8675, 121.7345

■ 1.8038, 1.9560,
0.5298

170.4828,
180.5656, 154.6575

■ 0.5200, 0.5817,
0.0000

209.4064,

■ 0.0000, 0.0000,

221.6935, 193.0380

0.0000

253.8448,
268.6355, 237.2947

■ 32.2907, 34.3694,
24.3341

■ 32.2907, 34.3694,
24.3341

■ 30.5939, 32.5588,
18.8877

■ 34.1978, 36.3061,
30.7578

■ 29.0951, 30.8655,
14.3673

■ 36.3214, 38.3682,
38.2021

■ 27.7849, 29.2865,
10.7204

■ 38.6708, 40.5610,
46.7105

■ 26.6519, 27.8168,
7.8881

■ 41.2537, 42.8880,
56.3232

■ 25.6834, 26.4508,
5.8043

■ 44.0776, 45.3525,
67.0784

■ 24.8645, 25.1823,
4.3927

■ 47.1497, 47.9578,
79.0124

■ 24.1756, 24.0030,
3.5513

■ 50.4768, 50.7069,
92.1600

■ 23.9213, 23.5532,
3.2854

■ 53.2163, 53.2632,
102.0838

■ 54.1558, 55.1421,
102.3969

Harmonies

Analogous

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



35.0134, 34.3694, 25.4535



32.2907, 34.3694, 24.3341



29.8080, 34.3694, 26.2996

Triad

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



32.2907, 34.3694, 24.3341



28.5089, 34.3694, 46.5120



37.6247, 34.3694, 44.3788

Complementary

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



32.2907, 34.3694, 24.3341



24.4229, 24.8322, 41.0421

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.



35.7033, 34.3694, 51.3079



32.2907, 34.3694, 24.3341



30.4280, 34.3694, 52.6550

Square

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



32.2907, 34.3694, 24.3341



27.7031, 34.3694, 38.5150



33.0464, 34.3694, 54.5214



38.1912, 34.3694, 36.3507

Rectangle

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



32.2907, 34.3694, 24.3341



28.5930, 34.3694, 29.2809



33.0464, 34.3694, 54.5214



37.1108, 34.3694, 46.9484

Sweetspot

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



32.2916, 34.3710, 24.3348



64.2145, 67.9172, 65.4506



28.1400, 24.8802, 26.6122



13.8723, 14.6840, 13.8287



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



32.2916, 34.3710, 24.3348



56.1089, 59.7381, 37.9867



31.9904, 37.1259, 24.8824



7.9857, 8.4515, 7.9997



17.8723, 17.6419, 2.4633



0.4718, 0.5032, 0.0723

Inverse Universe

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



24.4229, 24.8322, 41.0421



39.7065, 39.8586, 72.8258



24.6488, 22.7665, 40.6315



7.2785, 7.5939, 9.5005



5.9978, 3.4557, 28.3264



0.1852, 0.1626, 0.7023

Previews

White Background



This preview shows how the XYZ color 32.2907, 34.3694, 24.3341 looks on a white background.

Color Contrast Check

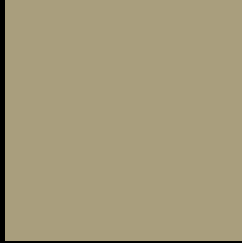
Large Text (above 18pt) WCAG AA × Fail

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 32.2907, 34.3694, 24.3341 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

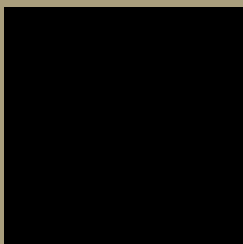
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

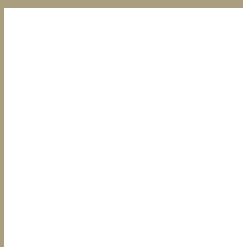
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.2907, 34.3694, 24.3341

Background



This preview shows how black text looks on a background with the XYZ color 32.2907, 34.3694, 24.3341.



This preview shows how white text looks on a background with the XYZ color 32.2907, 34.3694,

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

32.2907, 34.3694, 24.3341

Protanopia

32.2907, 34.3694, 24.3341

Deuteranopia

35.0017, 34.2771, 24.5100



Tritanopia

35.6383, 34.4977, 40.3777

Trichromacy



Original Color

32.2907, 34.3694, 24.3341

Protanomaly

32.2907, 34.3694, 24.3341

Deuteranomaly

33.9119, 34.2013, 24.5528

Tritanomaly

34.2396, 34.4154, 33.6924

Monochromacy



Original Color

32.2907, 34.3694, 24.3341

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

32.3155, 34.2104, 32.0942

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.2907, 34.3694, 24.3341 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(169, 158, 125)` looks like.

```
.text, #text, p{  
    color:rgb(169, 158, 125)  
}
```

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(169, 158, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 158, 125) }
```

Border

The CSS property to change the border of an element to XYZ 32.2907, 34.3694, 24.3341 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(169, 158, 125) }
```


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

```
.border{ border-color:rgb(169, 158, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 158, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 158, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 158, 125);  
box-shadow:4px 4px 4px 4px rgb(169, 158,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 32.2907, 34.3694, 24.3341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 158, 125) }
```

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

```
.background{ background-color: rgb(169,  
158, 125) }
```

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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