

Converting Colors

XYZ(34.9295, 39.1645, 24.7642)

Have a look what the booklet for
XYZ(34.9295, 39.1645, 24.7642)
contains.

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Color

**XYZ(34.9956, 39.2390,
24.7982)**

Conversions

Conversions Part 1

Format	Color
Hex	ABAB7C
RGB	171, 171, 124
RGB Percent	67%, 67%, 49%
CMY	0.3294, 0.3294, 0.5137
CMYK	0.00, 0.00, 0.27, 0.33
HSL	60°, 22%, 58%
HSV	60°, 27%, 67%
XYZ	34.9956, 39.2390, 24.7982
YIQ	165.6420, 15.0870, -14.6170

Conversions

Conversions Part 2

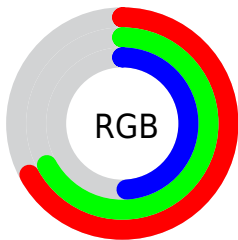
Format	Color
RYB	124, 171, 124
Decimal	11250556
CIELab	68.92, -7.68, 24.28
CIELCh	69, 25.470, 107.561
Yxy	39.2390, 0.3534, 0.3962
Android (android.graphics.Color)	4289440636 (0xFFABAB7C)
YUV	165.6420, -20.5295, 4.6990
Hunter-Lab	62.6410, -9.8994, 20.3771

Details

The XYZ color **34.9956, 39.2390, 24.7982** is a light color, and the websafe version is hex **999966**. A complement of this color would be **22.8720, 21.6417, 41.5021**, and the grayscale version is **36.1644, 38.0477, 41.4340**.

A 20% lighter version of the original color is **66.8107, 73.8979, 52.3374**, and **15.3380, 17.5532, 9.2363** is the 20% darker color. If you saturate the color by 10%, you get **34.0067, 38.8448, 19.5881**, and if you desaturate by 10%, it is **36.1741, 39.7118, 30.9977**.

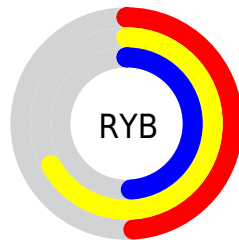
Distribution



Red (67%)

Green (67%)

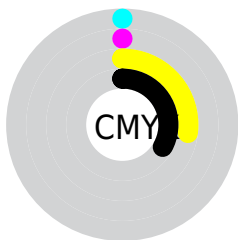
Blue (49%)



Red (49%)

Yellow (67%)

Blue (49%)

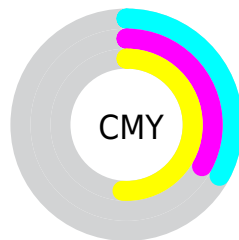


Cyan (0%)

Magenta (0%)

Yellow (27%)

Black (33%)



Cyan (33%)


Magenta (33%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.9956, 39.2390, 24.7982 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 34.9956, 39.2390, 24.7982 by changing the saturation by 10% instead.


 34.9956, 39.2390,
24.7982


 34.9956, 39.2390,
24.7982


316.0573,
342.9055, 290.2469


 23.8260, 26.9457,
15.7091


 66.8130, 74.0033,
52.2897

 15.3286, 17.5324,
9.1664


 88.1915, 97.2431,
71.5292

 9.1382, 10.6148,
4.7516


 113.7037,
124.9005, 94.9893

 4.8892, 5.8085,
2.0461

143.7149,
157.3599, 123.0885

 2.2165, 2.7290,
0.5834

178.5906,
195.0057, 156.2453

 0.7514, 0.9919,
0.0000

218.6959,

 0.0000, 0.0000,

238.2223, 194.8782

0.0000

264.3964,
287.3941, 239.4059

■ 34.9956, 39.2390,
24.7982

■ 34.9956, 39.2390,
24.7982

■ 34.0067, 38.8448,
19.5881

■ 36.1741, 39.7118,
30.9977

■ 33.1947, 38.5199,
15.3140

■ 37.5481, 40.2614,
38.2315

■ 32.5501, 38.2620,
11.9211

■ 39.1271, 40.8931,
46.5446

■ 32.0611, 38.0664,
9.3480

■ 40.9190, 41.6099,
55.9787

■ 31.7147, 37.9278,
7.5255

■ 42.9312, 42.4148,
66.5734

■ 31.4955, 37.8401,
6.3729

■ 45.1710, 43.3107,
78.3661

■ 31.3796, 37.7937,
5.7645

■ 47.6451, 44.3004,
91.3928

■ 31.3560, 37.7842,
5.6405

■ 49.4111, 45.0069,
100.6907

■ 49.4114, 45.0070,
100.6907

Harmonies

Analogous

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



38.9977, 39.2390, 24.4412



34.9956, 39.2390, 24.7982



31.8402, 39.2390, 29.3761

Triad

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



34.9956, 39.2390, 24.7982



32.2849, 39.2390, 61.3814



45.4260, 39.2390, 47.7095

Complementary

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



34.9956, 39.2390, 24.7982



22.8720, 21.6417, 41.5021

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.



43.3409, 39.2390, 59.6053



34.9956, 39.2390, 24.7982



35.6435, 39.2390, 68.4048

Square

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



34.9956, 39.2390, 24.7982



30.3547, 39.2390, 49.8108



39.6940, 39.2390, 67.7016



45.2210, 39.2390, 36.3445

Rectangle

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



34.9956, 39.2390, 24.7982



30.5527, 39.2390, 34.7667



39.6940, 39.2390, 67.7016



44.9638, 39.2390, 51.8127

Sweetspot

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



34.9966, 39.2408, 24.7990



67.0706, 72.0331, 67.5597



27.6416, 24.5294, 22.3471



14.8717, 16.0295, 14.6170



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.



34.9966, 39.2408, 24.7990



61.5538, 69.8262, 38.5167



30.3250, 36.8325, 24.5804



8.6626, 9.3302, 8.5577



23.6364, 28.4821, 4.2518



0.6576, 0.7924, 0.1183

Inverse Universe

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



22.8720, 21.6417, 41.5021



36.1852, 33.0032, 73.4650



26.6820, 23.6058, 41.6804



7.5790, 7.7573, 10.0505



5.5415, 2.2166, 29.1803



0.1542, 0.0617, 0.8118

Previews

White Background



This preview shows how the XYZ color 34.9956, 39.2390, 24.7982 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 34.9956, 39.2390, 24.7982 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

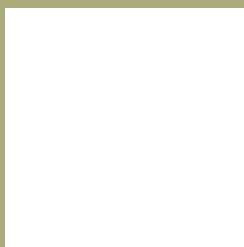
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.9956, 39.2390, 24.7982

Background



This preview shows how black text looks on a background with the XYZ color 34.9956, 39.2390, 24.7982.



This preview shows how white text looks on a background with the XYZ color 34.9956, 39.2390,

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

34.9956, 39.2390, 24.7982

Protanopia

36.6338, 39.2591, 24.3858

Deuteranopia

39.7995, 39.0019, 25.1691



Tritanopia

39.5714, 39.1902, 47.0738

Trichromacy



Original Color

34.9956, 39.2390, 24.7982

Protanomaly

35.8946, 39.1531, 24.4043

Deuteranomaly

37.8958, 39.0823, 24.9483

Tritanomaly

37.6695, 39.2200, 37.9326

Monochromacy



Original Color

34.9956, 39.2390, 24.7982

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

35.7370, 38.5645, 34.8383

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.9956, 39.2390, 24.7982 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, 171, 124)` looks like.

```
.text, #text, p{  
    color:rgb(171, 171, 124)  
}
```

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, 171, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 171, 124) }
```

Border

The CSS property to change the border of an element to XYZ 34.9956, 39.2390, 24.7982 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, 171, 124) }
```


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

```
.border{ border-color:rgb(171, 171, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 171, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 171, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 171, 124);  
box-shadow:4px 4px 4px 4px rgb(171, 171,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 34.9956, 39.2390, 24.7982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 171, 124) }
```

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

```
.background{ background-color: rgb(171,  
171, 124) }
```

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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