

Converting Colors

XYZ(34.6672, 39.6420, 24.5634)

Have a look what the booklet for
XYZ(34.6672, 39.6420, 24.5634)
contains.

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Color

**XYZ(34.6672, 39.6420,
24.5634)**

Conversions

Conversions Part 1

Format	Color
Hex	A8AD7B
RGB	168, 173, 123
RGB Percent	66%, 68%, 48%
CMY	0.3412, 0.3216, 0.5176
CMYK	0.03, 0.00, 0.29, 0.32
HSL	66°, 23%, 58%
HSV	66°, 29%, 68%
XYZ	34.6672, 39.6420, 24.5634
YIQ	165.8050, 13.0700, -16.6100

Conversions

Conversions Part 2

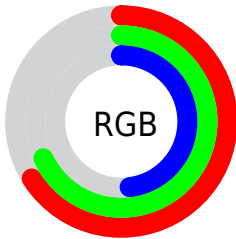
Format	Color
RYB	123, 173, 128
Decimal	11054459
CIELab	69.21, -10.06, 25.17
CIElCh	69, 27.105, 111.782
Yxy	39.6420, 0.3506, 0.4009
Android (android.graphics.Color)	4289244539 (0xFFA8AD7B)
YUV	165.8050, -21.1029, 1.9250
Hunter-Lab	62.9619, -11.9001, 20.9424

Details

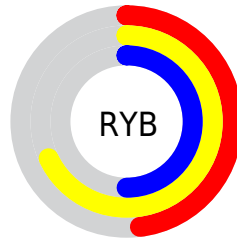
The XYZ color **34.6672, 39.6420, 24.5634** is a light color, and the websafe version is hex **999966**. A complement of this color would be **23.5293, 21.7732, 42.4999**, and the grayscale version is **36.2464, 38.1341, 41.5280**.

A 20% lighter version of the original color is **66.3203, 74.4687, 51.9527**, and **15.1436, 17.8140, 9.1189** is the 20% darker color. If you saturate the color by 10%, you get **33.3128, 39.0593, 19.3378**, and if you desaturate by 10%, it is **36.2200, 40.3073, 30.7990**.

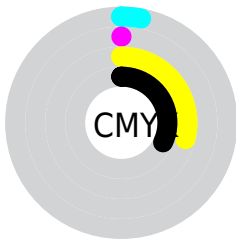
Distribution



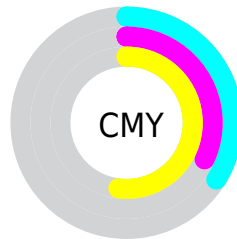
- Red (66%)
- Green (68%)
- Blue (48%)



- Red (48%)
- Yellow (68%)
- Blue (50%)



- Cyan (3%)
- Magenta (0%)
- Yellow (29%)
- Black (32%)





- Cyan (34%)
- Magenta (32%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.6672, 39.6420, 24.5634 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 34.6672, 39.6420, 24.5634 by changing the saturation by 10% instead.


 34.6672, 39.6420,
24.5634


 34.6672, 39.6420,
24.5634


314.6307,
344.6123, 289.0344


 23.5719, 27.2595,
15.5360


 66.3073, 74.6181,
51.9033

 15.1394, 17.7682,
9.0457


 87.5829, 97.9804,
71.0530

 9.0042, 10.7837,
4.6737


 112.9826,
125.7716, 94.4138

 4.8011, 5.9216,
2.0018

142.8718,
158.3758, 122.4043

 2.1646, 2.7975,
0.5564

177.6159,
196.1777, 155.4431

 0.7240, 1.0269,
0.0000

217.5801,

 0.0000, 0.0000,

239.5614, 193.9487

0.0000

263.1300,
288.9115, 238.3396

■ 34.6672, 39.6420,
24.5634

■ 34.6672, 39.6420,
24.5634

■ 33.3128, 39.0593,
19.3378

■ 36.2200, 40.3073,
30.7990

■ 32.1436, 38.5499,
15.0665

■ 37.9774, 41.0537,
38.0912

■ 31.1497, 38.1112,
11.6926

■ 39.9493, 41.8865,
46.4868

■ 30.3187, 37.7382,
9.1517

■ 42.1438, 42.8089,
56.0291

■ 29.6370, 37.4254,
7.3711

■ 44.5689, 43.8241,
66.7590

■ 29.0882, 37.1664,
6.2658

■ 47.2318, 44.9350,
78.7154

■ 28.6422, 36.9491,
5.6768

■ 50.1396, 46.1444,
91.9354

■ 28.5951, 36.9260,
5.6203

■ 52.2505, 47.0357,
100.9326

■ 52.6615, 47.2475,
100.9519

Harmonies

Analogous

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



38.8834, 39.6420, 23.5741



34.6672, 39.6420, 24.5634



31.4976, 39.6420, 30.0071

Triad

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



34.6672, 39.6420, 24.5634



32.7502, 39.6420, 64.7840



46.5518, 39.6420, 46.6687

Complementary

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



34.6672, 39.6420, 24.5634



23.5293, 21.7732, 42.4999

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.



44.6193, 39.6420, 59.6932



34.6672, 39.6420, 24.5634



36.4988, 39.6420, 71.3869

Square

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



34.6672, 39.6420, 24.5634



30.4514, 39.6420, 52.6489



40.8594, 39.6420, 69.3639



45.9672, 39.6420, 34.8917

Rectangle

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



34.6672, 39.6420, 24.5634



30.2977, 39.6420, 36.1175



40.8594, 39.6420, 69.3639



46.1701, 39.6420, 51.0707

Sweetspot

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



34.6682, 39.6438, 24.5642



67.9273, 73.4855, 67.8591



28.5292, 25.7537, 22.2067



14.6608, 15.9271, 14.3221



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.



34.6682, 39.6438, 24.5642



60.4196, 70.2790, 37.5178



29.8478, 37.1588, 24.3386



8.5825, 9.2889, 8.5540



21.0336, 27.1403, 4.1300



0.6074, 0.7665, 0.1159

Inverse Universe

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



23.5293, 21.7732, 42.4999



37.0393, 32.7607, 75.1770



27.7639, 23.9562, 42.6980



7.6505, 7.7941, 10.0539



5.7392, 2.3186, 29.1895



0.1829, 0.0765, 0.8131

Previews

White Background



This preview shows how the XYZ color 34.6672, 39.6420, 24.5634 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 34.6672, 39.6420, 24.5634 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

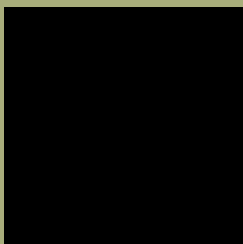
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

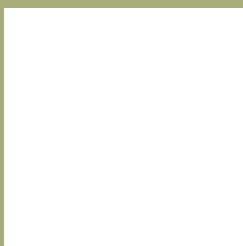
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.6672, 39.6420, 24.5634

Background



This preview shows how black text looks on a background with the XYZ color 34.6672, 39.6420, 24.5634.



This preview shows how white text looks on a background with the XYZ color 34.6672, 39.6420,

24.5634.

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

34.6672, 39.6420, 24.5634

Protanopia

36.9306, 39.7015, 23.8059

Deuteranopia

40.1752, 39.4634, 24.9018



Tritanopia

39.4521, 39.6411, 48.2200

Trichromacy



Original Color

34.6672, 39.6420, 24.5634

Protanomaly

36.0190, 39.5017, 24.1385

Deuteranomaly

38.0133, 39.4190, 24.6739

Tritanomaly

37.4592, 39.6498, 38.4798

Monochromacy



Original Color

34.6672, 39.6420, 24.5634

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

35.6293, 38.7934, 34.4642

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.6672, 39.6420, 24.5634 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(168, 173, 123)` looks like.

```
.text, #text, p{  
    color:rgb(168, 173, 123)  
}
```

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(168, 173, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 173, 123) }
```

Border

The CSS property to change the border of an element to XYZ 34.6672, 39.6420, 24.5634 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(168, 173, 123) }
```


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

```
.border{ border-color:rgb(168, 173, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 173, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 173, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 173, 123);  
box-shadow:4px 4px 4px 4px rgb(168, 173,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 34.6672, 39.6420, 24.5634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 173, 123) }
```

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

```
.background{ background-color: rgb(168,  
173, 123) }
```

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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