

Converting Colors

XYZ(34.0031, 38.5060, 23.9668)

Have a look what the booklet for
XYZ(34.0031, 38.5060, 23.9668)
contains.

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Color

**XYZ(34.0360, 38.4794,
24.0457)**

Conversions

Conversions Part 1

Format	Color
Hex	A8AA7A
RGB	168, 170, 122
RGB Percent	66%, 67%, 48%
CMY	0.3412, 0.3333, 0.5216
CMYK	0.01, 0.00, 0.28, 0.33
HSL	63°, 22%, 57%
HSV	63°, 28%, 67%
XYZ	34.0360, 38.4794, 24.0457
YIQ	163.9300, 14.2160, -15.3520

Conversions

Conversions Part 2

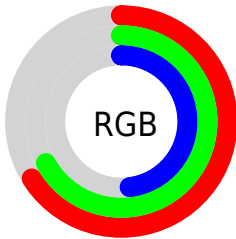
Format	Color
RYB	122, 170, 124
Decimal	11053690
CIELab	68.37, -8.61, 24.58
CIELCh	68, 26.046, 109.311
Yxy	38.4794, 0.3525, 0.3985
Android (android.graphics.Color)	4289243770 (0xFFA8AA7A)
YUV	163.9300, -20.6715, 3.5694
Hunter-Lab	62.0318, -10.6150, 20.4393

Details

The XYZ color **34.0360, 38.4794, 24.0457** is a light color, and the websafe version is hex **999966**. A complement of this color would be **22.5288, 21.1074, 40.9191**, and the grayscale version is **35.3446, 37.1853, 40.4947**.

A 20% lighter version of the original color is **65.4035, 72.7929, 51.1607**, and **14.7513, 17.0827, 8.8232** is the 20% darker color. If you saturate the color by 10%, you get **32.9232, 38.0182, 18.9679**, and if you desaturate by 10%, it is **35.3359, 39.0182, 30.0957**.

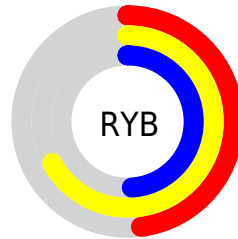
Distribution



Red (66%)

Green (67%)

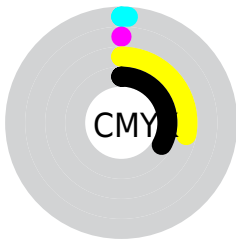
Blue (48%)



Red (48%)

Yellow (67%)

Blue (49%)

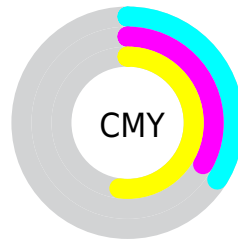


Cyan (1%)

Magenta (0%)

Yellow (28%)

Black (33%)



Cyan (34%)


Magenta (33%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.0360, 38.4794, 24.0457 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 34.0360, 38.4794, 24.0457 by changing the saturation by 10% instead.


 34.0360, 38.4794,
24.0457


 34.0360, 38.4794,
24.0457


311.8756,
339.6720, 286.3454


 23.0843, 26.3550,
15.1550


 65.3336, 72.8423,
51.0495

 14.7768, 17.0894,
8.7804


 86.4101, 95.8496,
69.9998

 8.7482, 10.2982,
4.5034


 111.5923,
123.2534, 93.1402

 4.6331, 5.5971,
1.9054

141.2455,
155.4379, 120.8895

 2.0662, 2.6017,
0.4961

175.7351,
192.7876, 153.6661

 0.6707, 0.9275,
0.0000

215.4264,

 0.0000, 0.0000,

235.6870, 191.8886

0.0000

260.6848,
284.5203, 235.9756

■ 34.0360, 38.4794,
24.0457

■ 34.0360, 38.4794,
24.0457

■ 32.9232, 38.0182,
18.9679

■ 35.3359, 39.0182,
30.0957

■ 31.9849, 37.6256,
14.8093

■ 36.8289, 39.6330,
37.1624

■ 31.2117, 37.2991,
11.5157

■ 38.5242, 40.3288,
45.2904

■ 30.5920, 37.0340,
9.0259

■ 40.4298, 41.1088,
54.5210

■ 30.1126, 36.8253,
7.2711

■ 42.5530, 41.9760,
64.8933

■ 29.7583, 36.6666,
6.1707

■ 44.9008, 42.9331,
76.4444

■ 29.5027, 36.5475,
5.5855

■ 47.4801, 43.9829,
89.2098

■ 29.4606, 36.5277,
5.4978

■ 49.8096, 44.9329,
100.6554

■ 49.9678, 45.0144,
100.6628

Harmonies

Analogous

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



38.0504, 38.4794, 23.4460



34.0360, 38.4794, 24.0457



30.9329, 38.4794, 28.8716

Triad

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



34.0360, 38.4794, 24.0457



31.6860, 38.4794, 61.3833



44.8512, 38.4794, 46.2118

Complementary

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



34.0360, 38.4794, 24.0457



22.5288, 21.1074, 40.9191

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.



42.8613, 38.4794, 58.3487



34.0360, 38.4794, 24.0457



35.1353, 38.4794, 68.1304

Square

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



34.0360, 38.4794, 24.0457



29.6476, 38.4794, 49.7890



39.2341, 38.4794, 66.9267



44.5019, 38.4794, 34.8873

Rectangle

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



34.0360, 38.4794, 24.0457



29.7039, 38.4794, 34.4391



39.2341, 38.4794, 66.9267



44.4282, 38.4794, 50.3618

Sweetspot

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



34.0370, 38.4811, 24.0465



66.8448, 71.9167, 67.5491



27.2493, 24.2674, 21.6607



14.8122, 15.9989, 14.6142



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.



34.0370, 38.4811, 24.0465



60.4260, 69.2650, 37.5508



29.4606, 36.1219, 23.8323



8.1154, 8.7576, 8.0519



21.6824, 26.8749, 4.0446



0.5367, 0.6586, 0.0988

Inverse Universe

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



22.5288, 21.1074, 40.9191



36.0074, 32.3970, 73.3573



26.3569, 23.0808, 41.0983



7.1597, 7.3149, 9.4529



5.4147, 2.1748, 28.1099



0.1405, 0.0574, 0.6843

Previews

White Background



This preview shows how the XYZ color 34.0360, 38.4794, 24.0457 looks on a white background.

Color Contrast Check

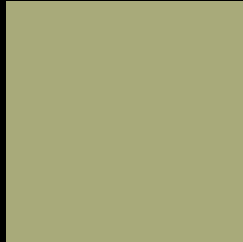
Large Text (above 18pt) WCAG AA × Fail

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 34.0360, 38.4794, 24.0457 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

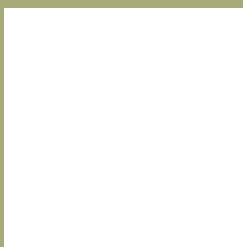
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.0360, 38.4794, 24.0457

Background



This preview shows how black text looks on a background with the XYZ color 34.0360, 38.4794, 24.0457.



This preview shows how white text looks on a background with the XYZ color 34.0360, 38.4794,

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

34.0360, 38.4794, 24.0457

Protanopia

35.6168, 38.2122, 23.2678

Deuteranopia

39.2349, 38.4672, 24.4258



Tritanopia

38.6129, 38.4429, 46.4594

Trichromacy



Original Color

34.0360, 38.4794, 24.0457

Protanomaly

34.9491, 38.1319, 23.6073

Deuteranomaly

37.1003, 38.4201, 24.1993

Tritanomaly

36.6502, 38.4434, 36.9411

Monochromacy



Original Color

34.0360, 38.4794, 24.0457

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

34.5781, 37.4417, 33.8383

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.0360, 38.4794, 24.0457 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, 170, 122)` looks like.

```
.text, #text, p{  
    color:rgb(168, 170, 122)  
}
```

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, 170, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 170, 122) }
```

Border

The CSS property to change the border of an element to XYZ 34.0360, 38.4794, 24.0457 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, 170, 122) }
```


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

```
.border{ border-color:rgb(168, 170, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 170, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 170, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 170, 122);  
box-shadow:4px 4px 4px 4px rgb(168, 170,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 34.0360, 38.4794, 24.0457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 170, 122) }
```

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

```
.background{ background-color: rgb(168,  
170, 122) }
```

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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