

Converting Colors

XYZ(36.1353, 38.5918, 34.3013)

Have a look what the booklet for
XYZ(36.1353, 38.5918, 34.3013)
contains.

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Color

**XYZ(36.1183, 38.4974,
34.3813)**

Conversions

Conversions Part 1

Format	Color
Hex	ABA796
RGB	171, 167, 150
RGB Percent	67%, 65%, 59%
CMY	0.3294, 0.3451, 0.4118
CMYK	0.00, 0.02, 0.12, 0.33
HSL	49°, 11%, 63%
HSV	49°, 12%, 67%
XYZ	36.1183, 38.4974, 34.3813
YIQ	166.2580, 7.8410, -4.4390

Conversions

Conversions Part 2

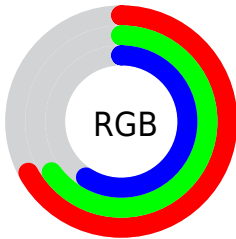
Format	Color
RYB	155, 171, 150
Decimal	11249558
CIELab	68.39, -1.57, 9.30
CIElCh	68, 9.433, 99.592
Yxy	38.4974, 0.3314, 0.3532
Android (android.graphics.Color)	4289439638 (0xFFABA796)
YUV	166.2580, -8.0152, 4.1587
Hunter-Lab	62.0463, -4.6728, 10.5784

Details

The XYZ color **36.1183, 38.4974, 34.3813** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.4838, 32.5348, 43.1488**, and the grayscale version is **36.4061, 38.3021, 41.7109**.

A 20% lighter version of the original color is **68.3844, 72.7709, 67.5687**, and **15.9906, 17.0843, 14.2592** is the 20% darker color. If you saturate the color by 10%, you get **34.2523, 36.8104, 27.4544**, and if you desaturate by 10%, it is **38.2023, 40.2982, 42.3733**.

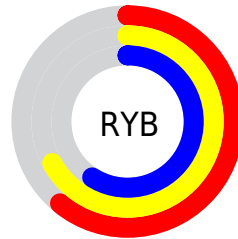
Distribution



Red (67%)

Green (65%)

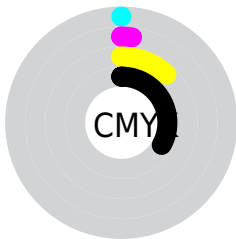
Blue (59%)



Red (61%)

Yellow (67%)

Blue (59%)

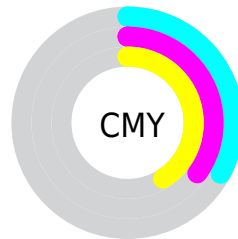


Cyan (0%)

Magenta (2%)

Yellow (12%)

Black (33%)



Cyan (33%)

Magenta (35%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.1183, 38.4974, 34.3813 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 36.1183, 38.4974, 34.3813 by changing the saturation by 10% instead.

■ 36.1183, 38.4974,
34.3813

■ 36.1183, 38.4974,
34.3813

320.8995,
339.7489, 336.6498

■ 24.6961, 26.3690,
22.9069

■ 68.5373, 72.8699,
67.6668

■ 15.9783, 17.0999,
14.3202

■ 90.2648, 95.8827,
90.3151

■ 9.5996, 10.3057,
8.2024

116.1581,
123.2925, 117.5251

■ 5.1945, 5.6021,
4.1351

146.5827,
155.4836, 149.7154

■ 2.3978, 2.6047,
1.6997

181.9037,
192.8403, 187.3044

■ 0.8440, 0.9290,
0.3606

222.4866,

■ 0.0000, 0.0000,

235.7472, 230.7108

0.0000

268.6968,
284.5886, 280.3531

■ 36.1183, 38.4974,
34.3813

■ 36.1183, 38.4974,
34.3813

■ 34.2523, 36.8104,
27.4544

■ 38.2023, 40.2982,
42.3733

■ 32.5926, 35.2284,
21.5444

■ 40.5096, 42.2112,
51.4707

■ 31.1306, 33.7492,
16.6031

■ 43.0489, 44.2413,
61.7150

■ 29.8562, 32.3685,
12.5775

■ 45.8276, 46.3918,
73.1446

■ 28.7583, 31.0817,
9.4092

■ 48.8528, 48.6655,
85.7963

■ 27.8245, 29.8836,
7.0336

■ 52.1314, 51.0654,
99.7051

■ 27.0405, 28.7684,
5.3762

■ 53.2111, 52.6108,
101.9581

■ 26.3894, 27.7291,
4.3490

■ 53.9227, 54.0341,
102.1953

■ 25.9493, 26.9673,
3.8375

■ 54.6502, 55.4891,
102.4378

Harmonies

Analogous

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



37.5923, 38.4974, 34.7310



36.1183, 38.4974, 34.3813



34.8062, 38.4974, 35.9433

Triad

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



36.1183, 38.4974, 34.3813



34.4405, 38.4974, 47.3307



39.3240, 38.4974, 44.8247

Complementary

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



36.1183, 38.4974, 34.3813



31.4838, 32.5348, 43.1488

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.



38.4350, 38.4974, 48.5187



36.1183, 38.4974, 34.3813



35.6069, 38.4974, 50.0319

Square

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



36.1183, 38.4974, 34.3813



33.8549, 38.4974, 43.2904



37.0670, 38.4974, 50.4807



39.4699, 38.4974, 40.5732

Rectangle

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



36.1183, 38.4974, 34.3813



34.1900, 38.4974, 37.9246



37.0670, 38.4974, 50.4807



39.1011, 38.4974, 46.1805

Sweetspot

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



36.1193, 38.4991, 34.3821



67.7210, 71.5799, 73.1818



33.5508, 32.8109, 35.2246



15.0388, 15.9086, 16.0751



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.



36.1193, 38.4991, 34.3821



63.6497, 68.0264, 57.6769



35.5230, 39.2953, 34.5672



8.5312, 9.0672, 8.5139



19.5982, 20.4018, 2.9050



0.5781, 0.6333, 0.0918

Inverse Universe

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



31.4838, 32.5348, 43.1488



53.5389, 55.0178, 76.7996



32.0259, 31.8514, 42.9883



7.6977, 7.9947, 10.0901



5.9717, 3.0772, 29.3237



0.2016, 0.1565, 0.8276

Previews

White Background



This preview shows how the XYZ color 36.1183, 38.4974, 34.3813 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 36.1183, 38.4974, 34.3813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

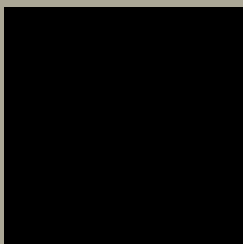
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

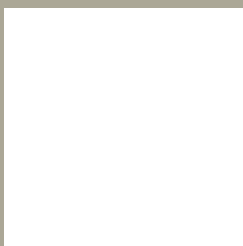
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.1183, 38.4974, 34.3813

Background



This preview shows how black text looks on a background with the XYZ color 36.1183, 38.4974, 34.3813.



This preview shows how white text looks on a background with the XYZ color 36.1183, 38.4974,

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

36.1183, 38.4974, 34.3813

Protanopia

36.5968, 38.4731, 34.3514

Deuteranopia

39.0698, 38.4155, 34.6339



Tritanopia

38.6129, 38.4429, 46.4594

Trichromacy



Original Color

36.1183, 38.4974, 34.3813

Protanomaly

36.3748, 38.3587, 34.3410

Deuteranomaly

37.9745, 38.3738, 34.6836

Tritanomaly

37.7061, 38.3396, 41.9722

Monochromacy



Original Color

36.1183, 38.4974, 34.3813

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

36.1298, 38.1353, 38.7143

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.1183, 38.4974, 34.3813 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, 167, 150)` looks like.

```
.text, #text, p{  
    color:rgb(171, 167, 150)  
}
```

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, 167, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 167, 150) }
```

Border

The CSS property to change the border of an element to XYZ 36.1183, 38.4974, 34.3813 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, 167, 150) }
```


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

```
.border{ border-color:rgb(171, 167, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 167, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 167, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 167, 150);  
box-shadow:4px 4px 4px 4px rgb(171, 167,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 36.1183, 38.4974, 34.3813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 167, 150) }
```

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

```
.background{ background-color: rgb(171,  
167, 150) }
```

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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