

Converting Colors

XYZ(34.3607, 34.5208, 40.8084)

Have a look what the booklet for
XYZ(34.3607, 34.5208, 40.8084)
contains.

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Color

**XYZ(34.4973, 34.6371,
40.9438)**

Conversions

Conversions Part 1

Format	Color
Hex	A69CA6
RGB	166, 156, 166
RGB Percent	65%, 61%, 65%
CMY	0.3490, 0.3882, 0.3490
CMYK	0.00, 0.06, 0.00, 0.35
HSL	300°, 5%, 63%
HSV	300°, 6%, 65%
XYZ	34.4973, 34.6371, 40.9438
YIQ	160.1300, 2.7500, 5.2300

Conversions

Conversions Part 2

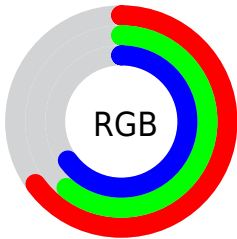
Format	Color
R_{YB}	166, 156, 166
Decimal	10919078
CIE _{Lab}	65.47, 5.52, -3.90
CIE _{LCh}	65, 6.755, 324.733
Yxy	34.6371, 0.3134, 0.3147
Android (android.graphics.Color)	4289109158 (0xFFA69CA6)
YUV	160.1300, 2.8939, 5.1480
Hunter-Lab	58.8533, 1.6359, -0.0503

Details

The XYZ color **34.4973, 34.6371, 40.9438** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.3486, 36.7416, 36.7885**, and the grayscale version is **33.4606, 35.2031, 38.3362**.

A 20% lighter version of the original color is **65.9165, 66.6858, 77.8041**, and **15.0283, 14.8955, 18.0026** is the 20% darker color. If you saturate the color by 10%, you get **31.9003, 29.4427, 40.0784**, and if you desaturate by 10%, it is **37.4770, 40.5959, 41.9376**.

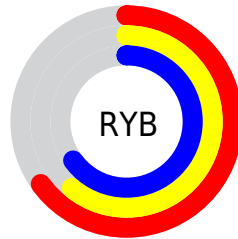
Distribution



Red (65%)

Green (61%)

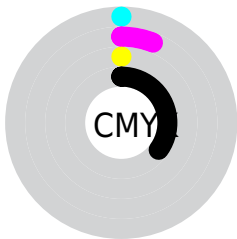
Blue (65%)



Red (65%)

Yellow (61%)

Blue (65%)

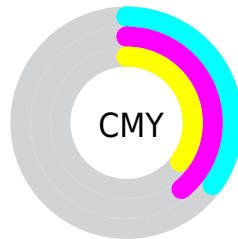


Cyan (0%)

Magenta (6%)

Yellow (0%)

Black (35%)



Cyan (35%)

Magenta (39%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.4973, 34.6371, 40.9438 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 34.4973, 34.6371, 40.9438 by changing the saturation by 10% instead.

■ 34.4973, 34.6371,
40.9438

■ 34.4973, 34.6371,
40.9438

313.8909,
322.9636, 365.7554

■ 23.4406, 23.3835,
27.9558

■ 66.0454, 66.9232,
77.8513

■ 15.0417, 14.8769,
18.0536

■ 87.2676, 88.7244,
102.6079

■ 8.9351, 8.7330,
10.8186

112.6089,
114.8104, 132.1245

■ 4.7557, 4.5675,
5.8324

142.4348,
145.5653, 166.8195

■ 2.1379, 1.9958,
2.6763

177.1106,
181.3737, 207.1116

■ 0.7097, 0.6050,
0.9315

217.0016,

■ 0.0000, 0.0000,

222.6200, 253.4192

0.0000

262.4733,
269.6885, 306.1610

■ 34.4973, 34.6371,
40.9438

■ 34.4973, 34.6371,
40.9438

■ 31.9003, 29.4427,
40.0784

■ 37.4770, 40.5959,
41.9376

■ 29.6677, 24.9776,
39.3341

■ 40.8508, 47.3435,
43.0623

■ 27.7841, 21.2104,
38.7061

■ 44.6335, 54.9088,
44.3234

■ 26.2319, 18.1059,
38.1885

■ 48.8381, 63.3180,
45.7250

■ 24.9918, 15.6258,
37.7750

■ 53.4771, 72.5961,
47.2715

■ 24.0428, 13.7279,
37.4586

■ 58.3693, 82.3804,
48.9024

■ 23.3611, 12.3646,
37.2312

■ 58.3694, 82.3804,
48.9025

■ 22.9194, 11.4811,
37.0838

■ 58.3694, 82.3804,
48.9027

■ 22.6806, 11.0036,
37.0041

■ 58.3694, 82.3804,
48.9028

Harmonies

Analogous

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



33.7229, 34.6371, 42.8752



34.4973, 34.6371, 40.9438



34.8500, 34.6371, 38.2157

Triad

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



34.4973, 34.6371, 40.9438



33.0963, 34.6371, 32.5508



31.2258, 34.6371, 40.0367

Complementary

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



34.4973, 34.6371, 40.9438



33.3486, 36.7416, 36.7885

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.



31.0656, 34.6371, 37.2166



34.4973, 34.6371, 40.9438



32.1330, 34.6371, 32.9844

Square

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



34.4973, 34.6371, 40.9438



34.0308, 34.6371, 33.4433



31.3945, 34.6371, 34.6585



31.8366, 34.6371, 42.3334

Rectangle

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



34.4973, 34.6371, 40.9438



34.7934, 34.6371, 36.3470



31.3945, 34.6371, 34.6585



31.1180, 34.6371, 39.1147

Sweetspot

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



34.4983, 34.6386, 40.9446



64.6802, 67.0049, 74.9995



32.4832, 33.5998, 40.8503



14.4879, 15.0217, 16.7880



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.



34.4983, 34.6386, 40.9446



62.0544, 61.7532, 74.1240



34.0485, 34.4587, 38.5760



7.9589, 7.9006, 9.5238



17.5318, 8.4214, 28.6758



0.4266, 0.2049, 0.6977

Inverse Universe

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



34.4983, 34.6386, 40.9446



62.0544, 61.7532, 74.1240



33.7808, 36.9145, 39.0642



7.9589, 7.9006, 9.5238



17.5318, 8.4214, 28.6758



0.4266, 0.2049, 0.6977

Previews

White Background



This preview shows how the XYZ color 34.4973, 34.6371, 40.9438 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 34.4973, 34.6371, 40.9438 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

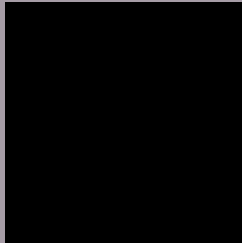
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.4973, 34.6371, 40.9438

Background



This preview shows how black text looks on a background with the XYZ color 34.4973, 34.6371, 40.9438.



This preview shows how white text looks on a background with the XYZ color 34.4973, 34.6371,

40.9438.

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

34.4973, 34.6371, 40.9438

Protanopia

33.5000, 34.6147, 41.4749

Deuteranopia

35.2331, 34.5223, 40.8829



Tritanopia

34.6822, 34.7111, 41.9177

Trichromacy



Original Color

34.4973, 34.6371, 40.9438

Protanomaly

33.9323, 34.5853, 41.4464

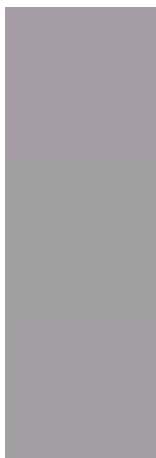
Deuteranomaly

34.9665, 34.6309, 40.9179

Tritanomaly

34.5894, 34.6739, 41.4289

Monochromacy



Original Color

34.4973, 34.6371, 40.9438

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

33.8200, 35.0863, 39.1722

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.4973, 34.6371, 40.9438 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(166, 156, 166)` looks like.

```
.text, #text, p{  
    color:rgb(166, 156, 166)  
}
```

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(166, 156, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 156, 166) }
```

Border

The CSS property to change the border of an element to XYZ 34.4973, 34.6371, 40.9438 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(166, 156, 166) }
```


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

```
.border{ border-color:rgb(166, 156, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 156, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 156, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 156, 166);  
box-shadow:4px 4px 4px 4px rgb(166, 156,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 34.4973, 34.6371, 40.9438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 156, 166) }
```

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

```
.background{ background-color: rgb(166,  
156, 166) }
```

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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