

Converting Colors

XYZ(34.4813, 35.0197, 39.9151)

Have a look what the booklet for
XYZ(34.4813, 35.0197, 39.9151)
contains.

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Color

**XYZ(34.4837, 34.9013,
40.0411)**

Conversions

Conversions Part 1

Format	Color
Hex	A69DA4
RGB	166, 157, 164
RGB Percent	65%, 62%, 64%
CMY	0.3490, 0.3843, 0.3569
CMYK	0.00, 0.05, 0.01, 0.35
HSL	313°, 5%, 63%
HSV	313°, 5%, 65%
XYZ	34.4837, 34.9013, 40.0411
YIQ	160.4890, 3.1170, 4.0850

Conversions

Conversions Part 2

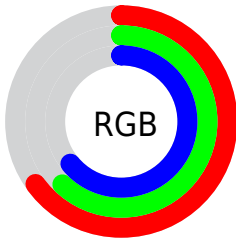
Format	Color
R_{YB}	166, 157, 164
Decimal	10919332
CIE _{Lab}	65.67, 4.58, -2.48
CIE _{LCh}	66, 5.204, 331.599
Yxy	34.9013, 0.3151, 0.3189
Android (android.graphics.Color)	4289109412 (0xFFA69DA4)
YUV	160.4890, 1.7309, 4.8331
Hunter-Lab	59.0773, 0.8059, 1.1689

Details

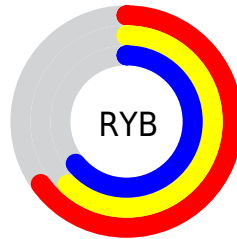
The XYZ color **34.4837, 34.9013, 40.0411** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.8002, 36.9447, 38.1523**, and the grayscale version is **33.6315, 35.3829, 38.5320**.

A 20% lighter version of the original color is **66.1485, 67.5736, 76.5744**, and **15.0181, 15.0553, 17.4437** is the 20% darker color. If you saturate the color by 10%, you get **31.5357, 29.5305, 37.4384**, and if you desaturate by 10%, it is **37.8249, 41.0421, 42.8234**.

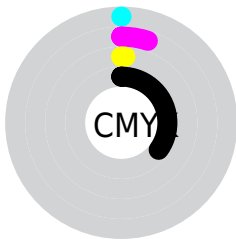
Distribution



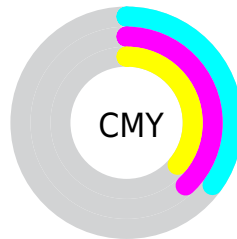
- Red (65%)
- Green (62%)
- Blue (64%)



- Red (65%)
- Yellow (62%)
- Blue (64%)



- Cyan (0%)
- Magenta (5%)
- Yellow (1%)
- Black (35%)



- Cyan (35%)
- Magenta (38%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.4837, 34.9013, 40.0411 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 34.4837, 34.9013, 40.0411 by changing the saturation by 10% instead.

■ 34.4837, 34.9013,
40.0411

■ 34.4837, 34.9013,
40.0411

313.8316,
324.1325, 361.8540

■ 23.4301, 23.5869,
27.2566

■ 66.0245, 67.3328,
76.4639

■ 15.0338, 15.0274,
17.5319

■ 87.2423, 89.2187,
100.9392

■ 8.9296, 8.8386,
10.4485

112.5790,
115.3972, 130.1485

■ 4.7520, 4.6361,
5.5878

142.3998,
146.2527, 164.5103

■ 2.1358, 2.0354,
2.5314

177.0701,
182.1696, 204.4433

■ 0.7086, 0.6279,
0.8567

216.9553,

■ 0.0000, 0.0000,

223.5322, 250.3659

0.0000

262.4206,
270.7251, 302.6966

■ 34.4837, 34.9013,
40.0411

■ 34.4837, 34.9013,
40.0411

■ 31.5357, 29.5305,
37.4384

■ 37.8249, 41.0421,
42.8234

■ 28.9627, 24.8947,
35.0076

■ 41.5709, 47.9774,
45.7883

■ 26.7491, 20.9627,
32.7435

■ 45.7364, 55.7360,
48.9416

■ 24.8775, 17.6993,
30.6399

■ 50.3345, 64.3439,
52.2879

■ 23.3286, 15.0665,
28.6900

■ 55.3777, 73.8261,
55.8319

■ 22.0813, 13.0222,
26.8863

■ 60.3640, 83.1783,
59.4065

■ 21.1121, 11.5194,
25.2205

■ 60.7619, 83.3374,
61.5017

■ 20.3937, 10.5035,
23.6831

■ 61.1700, 83.5007,
63.6506

■ 19.8912, 9.9052,
22.2621

■ 61.5883, 83.6680,
65.8537

Harmonies

Analogous

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



33.9495, 34.9013, 41.7045



34.4837, 34.9013, 40.0411



34.6651, 34.9013, 37.8841

Triad

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



34.4837, 34.9013, 40.0411



33.1316, 34.9013, 33.9434



31.9353, 34.9013, 40.2524

Complementary

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



34.4837, 34.9013, 40.0411



33.8002, 36.9447, 38.1523

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.



31.7236, 34.9013, 38.1193



34.4837, 34.9013, 40.0411



32.4077, 34.9013, 34.5246

Square

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



34.4837, 34.9013, 40.0411



33.8773, 34.9013, 34.4144



31.8952, 34.9013, 36.0325



32.4778, 34.9013, 41.8298

Rectangle

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



34.4837, 34.9013, 40.0411



34.5594, 34.9013, 36.4715



31.8952, 34.9013, 36.0325



31.8234, 34.9013, 39.5738

Sweetspot

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



34.4847, 34.9028, 40.0419



64.5554, 66.9550, 74.3422



33.2295, 34.2347, 40.9334



14.4615, 15.0112, 16.6492



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.



34.4847, 34.9028, 40.0419



61.6207, 61.5798, 71.8405



34.0899, 34.7449, 37.9629



7.9008, 7.8774, 9.2177



15.2905, 7.5249, 16.8734



0.3892, 0.1900, 0.5011

Inverse Universe

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



34.4847, 34.9028, 40.0419



61.6207, 61.5798, 71.8405



34.1933, 37.1019, 40.2222



7.9008, 7.8774, 9.2177



15.2905, 7.5249, 16.8734



0.3892, 0.1900, 0.5011

Previews

White Background



This preview shows how the XYZ color 34.4837, 34.9013, 40.0411 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 34.4837, 34.9013, 40.0411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

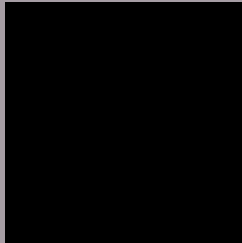
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.4837, 34.9013, 40.0411

Background



This preview shows how black text looks on a background with the XYZ color 34.4837, 34.9013, 40.0411.



This preview shows how white text looks on a background with the XYZ color 34.4837, 34.9013,

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

34.4837, 34.9013, 40.0411

Protanopia

33.8876, 35.0900, 40.5843

Deuteranopia

35.6558, 35.0073, 39.9998



Tritanopia

34.9862, 34.8570, 42.4202

Trichromacy



Original Color

34.4837, 34.9013, 40.0411

Protanomaly

34.1226, 34.9569, 40.5462

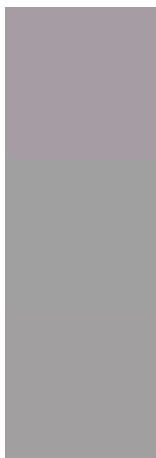
Deuteranomaly

35.1669, 35.0033, 40.0248

Tritanomaly

34.7999, 34.7824, 41.4387

Monochromacy



Original Color

34.4837, 34.9013, 40.0411

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

33.7315, 35.0509, 38.7059

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.4837, 34.9013, 40.0411 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, 157, 164)` looks like.

```
.text, #text, p{  
    color:rgb(166, 157, 164)  
}
```

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, 157, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 157, 164) }
```

Border

The CSS property to change the border of an element to XYZ 34.4837, 34.9013, 40.0411 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, 157, 164) }
```


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

```
.border{ border-color:rgb(166, 157, 164) }
```

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

Here you see how a box with a 4 pixel rgb(166, 157, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 157, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 157, 164);  
box-shadow:4px 4px 4px 4px rgb(166, 157,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 34.4837, 34.9013, 40.0411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 157, 164) }
```

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

```
.background{ background-color: rgb(166,  
157, 164) }
```

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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