

Converting Colors

XYZ(34.8680, 41.1217, 34.0012)

Have a look what the booklet for
XYZ(34.8680, 41.1217, 34.0012)
contains.

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Color

**XYZ(34.7833, 40.9475,
34.0874)**

Conversions

Conversions Part 1

Format	Color
Hex	9BB294
RGB	155, 178, 148
RGB Percent	61%, 70%, 58%
CMY	0.3922, 0.3019, 0.4196
CMYK	0.13, 0.00, 0.17, 0.30
HSL	106°, 16%, 64%
HSV	106°, 17%, 70%
XYZ	34.7833, 40.9475, 34.0874
YIQ	167.7030, -4.0780, -14.2060

Conversions

Conversions Part 2

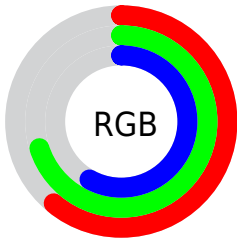
Format	Color
RYB	148, 178, 171
Decimal	10203796
CIELab	70.14, -13.65, 12.71
CIELCh	70, 18.652, 137.031
Yxy	40.9475, 0.3167, 0.3729
Android (android.graphics.Color)	4288393876 (0xFF9BB294)
YUV	167.7030, -9.7136, -11.1405
Hunter-Lab	63.9902, -14.9553, 13.2096

Details

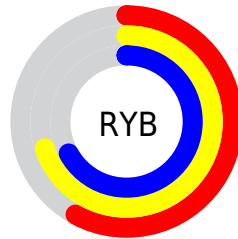
The XYZ color **34.7833, 40.9475, 34.0874** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **35.4221, 33.0533, 46.6346**, and the grayscale version is **37.1223, 39.0556, 42.5315**.

A 20% lighter version of the original color is **66.6618, 76.8115, 67.1898**, and **15.2002, 18.4734, 14.0738** is the 20% darker color. If you saturate the color by 10%, you get **31.0087, 39.1533, 27.1130**, and if you desaturate by 10%, it is **39.0729, 42.9845, 42.2187**.

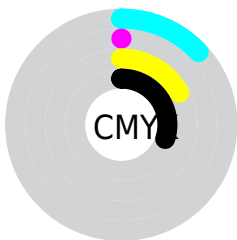
Distribution



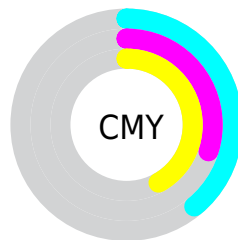
- Red (61%)
- Green (70%)
- Blue (58%)



- Red (58%)
- Yellow (70%)
- Blue (67%)



- Cyan (13%)
- Magenta (0%)
- Yellow (17%)
- Black (30%)





- Cyan (39%)
- Magenta (30%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.7833, 40.9475, 34.0874 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 34.7833, 40.9475, 34.0874 by changing the saturation by 10% instead.


 34.7833, 40.9475,
34.0874


 34.7833, 40.9475,
34.0874


315.1356,
350.1011, 335.3026

 23.6617, 28.2781,
22.6828


 66.4862, 76.6042,
67.2050

 15.2063, 18.5354,
14.1564


 87.7982, 100.3602,
89.7551

 9.0515, 11.3350,
8.0895


113.2377,
128.5806, 116.8576

 4.8322, 6.2927,
4.0637

143.1701,
161.6497, 148.9308

 2.1829, 3.0238,
1.6604

177.9607,
199.9519, 186.3934

 0.7337, 1.1442,
0.3334

217.9750,

 0.0000, 0.0154,

243.8716, 229.6638

0.0000

263.5781,
293.7932, 279.1607

■ 0.0000, 0.0000,
0.0000

■ 34.7833, 40.9475,
34.0874

■ 34.7833, 40.9475,
34.0874

■ 31.0087, 39.1533,
27.1130

■ 39.0729, 42.9845,
42.2187

■ 27.7261, 37.5876,
21.2403

■ 43.8928, 45.2677,
51.5533

■ 24.9156, 36.2427,
16.4138

■ 49.2617, 47.8067,
62.1384

■ 22.5548, 35.1082,
12.5720

■ 55.1964, 50.6094,
74.0176

■ 20.6190, 34.1730,
9.6469

■ 61.7130, 53.6831,
87.2328

■ 19.0813, 33.4249,
7.5620

■ 68.8270, 57.0349,
101.8237

■ 17.9114, 32.8501,
6.2284

■ 73.5874, 59.4853,
102.2111

■ 17.0705, 32.4314,
5.5209

■ 75.2112, 60.3224,
102.2871

■ 16.8568, 32.3248,
5.3509

Harmonies

Analogous

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



37.2266, 40.9475, 30.3749



34.7833, 40.9475, 34.0874



33.4788, 40.9475, 40.9203

Triad

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



34.7833, 40.9475, 34.0874



37.6178, 40.9475, 63.0397



44.8013, 40.9475, 39.8435

Complementary

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



34.7833, 40.9475, 34.0874



35.4221, 33.0533, 46.6346

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.



44.9196, 40.9475, 48.4619



34.7833, 40.9475, 34.0874



40.6627, 40.9475, 62.6523

Square

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



34.7833, 40.9475, 34.0874



35.0568, 40.9475, 58.0407



43.3710, 40.9475, 57.0425



43.0557, 40.9475, 33.3881

Rectangle

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



34.7833, 40.9475, 34.0874



33.3835, 40.9475, 46.6730



43.3710, 40.9475, 57.0425



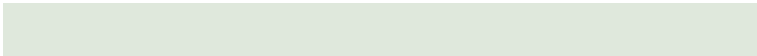
45.0358, 40.9475, 42.5600

Sweetspot

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



34.7844, 40.9493, 34.0883



72.3273, 78.6449, 79.3892



38.2700, 40.7308, 33.8624



15.8949, 17.3626, 17.3403



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



34.7844, 40.9493, 34.0883



60.5821, 73.0698, 57.1648



34.1352, 40.5389, 37.4792



8.5684, 9.5826, 9.0505



12.1082, 23.1521, 3.8306



0.4329, 0.7552, 0.1230

Inverse Universe

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



35.4221, 33.0533, 46.6346



61.9424, 56.2025, 83.9646



36.2072, 33.5482, 42.5990



8.6524, 8.5448, 10.6996



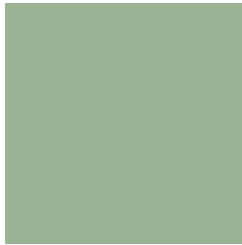
13.1271, 6.1030, 30.6231



0.4603, 0.2164, 0.9657

Previews

White Background



This preview shows how the XYZ color 34.7833, 40.9475, 34.0874 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 34.7833, 40.9475, 34.0874 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

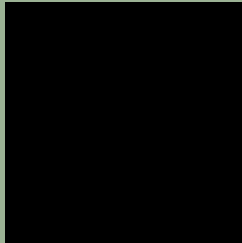
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.7833, 40.9475, 34.0874

Background



This preview shows how black text looks on a background with the XYZ color 34.7833, 40.9475, 34.0874.



This preview shows how white text looks on a background with the XYZ color 34.7833, 40.9475,

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

34.7833, 40.9475, 34.0874

Protanopia

38.4193, 40.8427, 32.2441

Deuteranopia

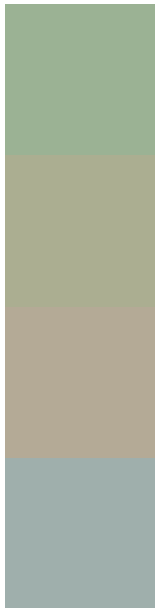
41.5467, 40.7467, 34.9533



Tritanopia

38.5044, 41.0094, 52.3406

Trichromacy



Original Color

34.7833, 40.9475, 34.0874

Protanomaly

37.0415, 40.9744, 32.7446

Deuteranomaly

38.7021, 40.6548, 34.6615

Tritanomaly

37.0744, 41.0094, 44.9913

Monochromacy



Original Color

34.7833, 40.9475, 34.0874

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

36.2898, 39.8648, 39.5002

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.7833, 40.9475, 34.0874 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(155, 178, 148)` looks like.

```
.text, #text, p{  
    color:rgb(155, 178, 148)  
}
```

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(155, 178, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 178, 148) }
```

Border

The CSS property to change the border of an element to XYZ 34.7833, 40.9475, 34.0874 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(155, 178, 148) }
```


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

```
.border{ border-color:rgb(155, 178, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 178, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 178, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 178, 148);  
box-shadow:4px 4px 4px 4px rgb(155, 178,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 34.7833, 40.9475, 34.0874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 178, 148) }
```

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

```
.background{ background-color: rgb(155,  
178, 148) }
```

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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