

Converting Colors

XYZ(40.9888, 46.5329, 36.9583)

Have a look what the booklet for
XYZ(40.9888, 46.5329, 36.9583)
contains.

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Color

**XYZ(40.9879, 46.5317,
36.9582)**

Conversions

Conversions Part 1

Format	Color
Hex	AFBA99
RGB	175, 186, 153
RGB Percent	69%, 73%, 60%
CMY	0.3137, 0.2706, 0.4000
CMYK	0.06, 0.00, 0.18, 0.27
HSL	80°, 19%, 66%
HSV	80°, 18%, 73%
XYZ	40.9879, 46.5317, 36.9582
YIQ	178.9490, 4.0370, -12.5950

Conversions

Conversions Part 2

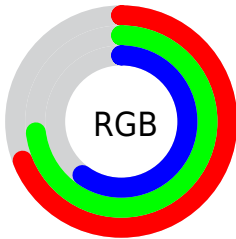
Format	Color
RYB	153, 186, 164
Decimal	11516569
CIELab	73.89, -9.70, 15.47
CIELCh	74, 18.258, 122.089
Yxy	46.5317, 0.3293, 0.3738
Android (android.graphics.Color)	4289706649 (0xFFAFBA99)
YUV	178.9490, -12.7929, -3.4633
Hunter-Lab	68.2141, -12.1193, 15.6268

Details

The XYZ color **40.9879, 46.5317, 36.9582** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **35.5658, 34.2214, 51.1878**, and the grayscale version is **42.8861, 45.1196, 49.1352**.

A 20% lighter version of the original color is **75.9696, 84.9982, 71.4337**, and **18.8118, 21.8719, 15.8006** is the 20% darker color. If you saturate the color by 10%, you get **38.2101, 45.2650, 29.4243**, and if you desaturate by 10%, it is **44.0717, 47.9313, 45.7584**.

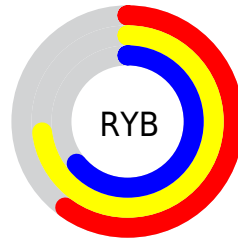
Distribution



Red (69%)

Green (73%)

Blue (60%)



Red (60%)

Yellow (73%)

Blue (64%)

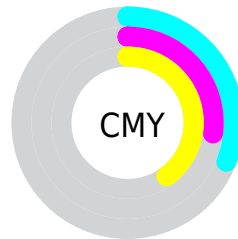


Cyan (6%)

Magenta (0%)

Yellow (18%)

Black (27%)



Cyan (31%)

Magenta (27%)

Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.9879, 46.5317, 36.9582 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 40.9879, 46.5317, 36.9582 by changing the saturation by 10% instead.


 40.9879, 46.5317,
36.9582


 40.9879, 46.5317,
36.9582


341.3335,
372.9422, 348.2928

 28.4973, 32.6656,
24.8796


 75.9403, 85.0142,
71.6941

 18.8432, 21.8704,
15.7692


 99.1329, 110.3993,
95.1885

 11.6604, 13.7617,
9.2084


126.6234,
140.3930, 123.3252

 6.5834, 7.9551,
4.7787

158.7773,
175.3795, 156.5228

 3.2470, 4.0662,
2.0615

195.9599,
215.7433, 195.1998

 1.2857, 1.7107,
0.5927

238.5365,

 0.1725, 0.4306,

261.8687, 239.7748

0.0000

286.8726,
314.1402, 290.6662

■ 0.0000, 0.0000,
0.0000

■ 40.9879, 46.5317,
36.9582

■ 40.9879, 46.5317,
36.9582

■ 38.2101, 45.2650,
29.4243

■ 44.0717, 47.9313,
45.7584

■ 35.7226, 44.1201,
23.0955

■ 47.4688, 49.4621,
55.8766

■ 33.5139, 43.0940,
17.9099


■ 51.1912, 51.1307,
67.3649


■ 31.5700, 42.1809,
13.7988


■ 55.2488, 52.9409,
80.2720


■ 29.8757, 41.3746,
10.6863


■ 59.6511, 54.8969,
94.6440


 28.4137, 40.6681,
8.4867


 62.8221, 56.3681,
102.1768

 27.1641, 40.0532,
7.0994

 64.6468, 57.3088,
102.2622

 26.0970, 39.5181,
6.3729

 66.5410, 58.2853,
102.3508

 25.8703, 39.4039,
6.2422

 68.5055, 59.2980,
102.4428

Harmonies

Analogous

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



43.9994, 46.5317, 34.7946



40.9879, 46.5317, 36.9582



38.9287, 46.5317, 42.7369

Triad

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



40.9879, 46.5317, 36.9582



41.3643, 46.5317, 68.1932



50.7741, 46.5317, 50.0151

Complementary

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



40.9879, 46.5317, 36.9582



35.5658, 34.2214, 51.1878

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.



49.9854, 46.5317, 59.5177



40.9879, 46.5317, 36.9582



44.4553, 46.5317, 70.7491

Square

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



40.9879, 46.5317, 36.9582



39.1385, 46.5317, 60.7855



47.6324, 46.5317, 67.4004



49.7385, 46.5317, 41.7354

Rectangle

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



40.9879, 46.5317, 36.9582



38.3186, 46.5317, 48.2404



47.6324, 46.5317, 67.4004



50.7135, 46.5317, 53.1697

Sweetspot

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



40.9891, 46.5337, 36.9592



81.4598, 87.5879, 87.5769



39.2766, 39.2915, 35.6516



17.8455, 19.2462, 19.0109



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



40.9891, 46.5337, 36.9592



72.4135, 83.4854, 61.8060



37.5093, 44.7398, 36.7963



9.4514, 10.3493, 9.6064



17.4858, 26.5506, 4.2032



0.6791, 0.9683, 0.1511

Inverse Universe

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



35.5658, 34.2214, 51.1878



60.8857, 57.3114, 92.0546



39.1948, 36.0922, 51.3576



8.7957, 8.8610, 11.3262



7.3718, 3.1115, 31.4651



0.3273, 0.1444, 1.1124

Previews

White Background



This preview shows how the XYZ color 40.9879, 46.5317, 36.9582 looks on a white background.

Color Contrast Check

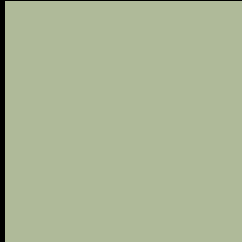
Large Text (above 18pt) WCAG AA × Fail

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 40.9879, 46.5317, 36.9582 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

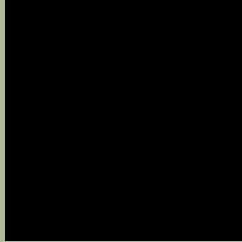
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.9879, 46.5317, 36.9582

Background



This preview shows how black text looks on a background with the XYZ color 40.9879, 46.5317, 36.9582.



This preview shows how white text looks on a background with the XYZ color 40.9879, 46.5317,

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

40.9879, 46.5317, 36.9582

Protanopia

43.8480, 46.4886, 35.9403

Deuteranopia

47.2588, 46.4364, 37.4827



Tritanopia

45.1149, 46.3613, 57.6098

Trichromacy



Original Color

40.9879, 46.5317, 36.9582

Protanomaly

42.8507, 46.5731, 36.4368

Deuteranomaly

44.7178, 46.3091, 37.1535

Tritanomaly

43.4550, 46.2943, 49.2932

Monochromacy



Original Color

40.9879, 46.5317, 36.9582

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

42.3437, 45.8232, 44.6432

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.9879, 46.5317, 36.9582 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(175, 186, 153)` looks like.

```
.text, #text, p{  
    color:rgb(175, 186, 153)  
}
```

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(175, 186, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 186, 153) }
```

Border

The CSS property to change the border of an element to XYZ 40.9879, 46.5317, 36.9582 is called "border". The border property can be set on classes, ids or directly on the HTML element.

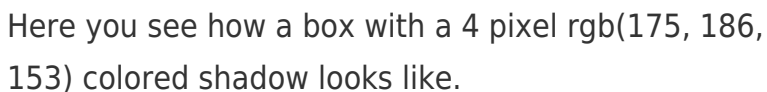
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 186, 153) }
```


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

```
.border{ border-color:rgb(175, 186, 153) }
```

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



Here you see how a box with a 4 pixel `rgb(175, 186, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 186, 153); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 186, 153); box-shadow:4px 4px 4px 4px rgb(175, 186, 153) }
```

Background

The CSS property to change the background color of an element to XYZ 40.9879, 46.5317, 36.9582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 186, 153) }
```

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

```
.background{ background-color: rgb(175,  
186, 153) }
```

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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