

Converting Colors

XYZ(41.3976, 46.8652, 26.9918)

Have a look what the booklet for
XYZ(41.3976, 46.8652, 26.9918)
contains.

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Color

**XYZ(41.3973, 46.9644,
26.9618)**

Conversions

Conversions Part 1

Format	Color
Hex	B9BA7F
RGB	185, 186, 127
RGB Percent	73%, 73%, 50%
CMY	0.2745, 0.2706, 0.5020
CMYK	0.01, 0.00, 0.32, 0.27
HSL	61°, 30%, 61%
HSV	61°, 32%, 73%
XYZ	41.3973, 46.9644, 26.9618
YIQ	178.9750, 18.3430, -18.5610

Conversions

Conversions Part 2

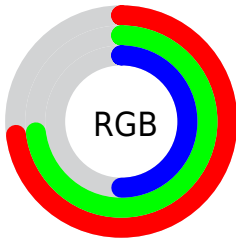
Format	Color
RYB	127, 186, 128
Decimal	12171903
CIELab	74.17, -9.64, 29.87
CIELCh	74, 31.387, 107.893
Yxy	46.9644, 0.3590, 0.4072
Android (android.graphics.Color)	4290361983 (0xFFB9BA7F)
YUV	178.9750, -25.6237, 5.2839
Hunter-Lab	68.5306, -12.1019, 24.6451

Details

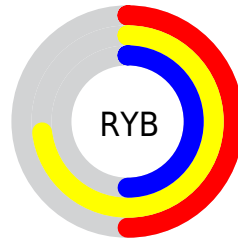
The XYZ color **41.3973, 46.9644, 26.9618** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **25.3560, 23.3142, 49.6207**, and the grayscale version is **42.9608, 45.1981, 49.2208**.

A 20% lighter version of the original color is **76.6083, 85.6768, 55.6796**, and **19.0872, 22.1362, 10.2879** is the 20% darker color. If you saturate the color by 10%, you get **40.2195, 46.4861, 21.1525**, and if you desaturate by 10%, it is **42.8015, 47.5366, 33.9518**.

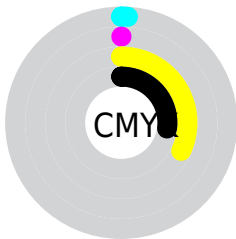
Distribution



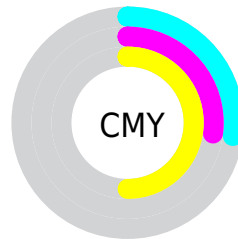
- Red (73%)
- Green (73%)
- Blue (50%)



- Red (50%)
- Yellow (73%)
- Blue (50%)



- Cyan (1%)
- Magenta (0%)
- Yellow (32%)
- Black (27%)



- Cyan (27%)
- Magenta (27%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.3973, 46.9644, 26.9618 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 41.3973, 46.9644, 26.9618 by changing the saturation by 10% instead.

■ 41.3973, 46.9644,
26.9618

■ 41.3973, 46.9644,
26.9618

343.0127,
374.6724, 301.2264

■ 28.8187, 33.0075,
17.3124

■ 76.5575, 85.6605,
55.8256

■ 19.0873, 22.1322,
10.2931

■ 99.8699, 111.1685,
75.8769

■ 11.8378, 13.9541,
5.4856

■ 127.4909,
141.2956, 100.2327

■ 6.7047, 8.0887,
2.4712

159.7859,
176.4263, 129.3114

■ 3.3228, 4.1518,
0.8249

197.1202,
216.9449, 163.5316

■ 1.3267, 1.7588,
0.0000

239.8592,

■ 0.2031, 0.4613,

263.2359, 203.3118

0.0000

288.3682,
315.6836, 249.0706

■ 0.0000, 0.0000,
0.0000

■ 41.3973, 46.9644,
26.9618

■ 41.3973, 46.9644,
26.9618

■ 40.2195, 46.4861,
21.1525

■ 42.8015, 47.5366,
33.9518

■ 39.2522, 46.0904,
16.4560

■ 44.4399, 48.2008,
42.1795

■ 38.4830, 45.7739,
12.8020


■ 46.3243, 48.9634,
51.7018


■ 37.8969, 45.5307,
10.1110


■ 48.4647, 49.8285,
62.5711


■ 37.4765, 45.3539,
8.2923


■ 50.8705, 50.7997,
74.8372


 37.2014, 45.2351,
7.2375

 53.5506, 51.8807,
88.5470

 37.0500, 45.1673,
6.7654

 56.1565, 52.9320,
101.8649

 56.2341, 52.9720,
101.8685

 56.3120, 53.0121,
101.8721

Harmonies

Analogous

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



46.9452, 46.9644, 26.4372



41.3973, 46.9644, 26.9618



37.0859, 46.9644, 33.0529

Triad

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



41.3973, 46.9644, 26.9618



37.7723, 46.9644, 77.7285



56.0695, 46.9644, 57.9115

Complementary

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



41.3973, 46.9644, 26.9618



25.3560, 23.3142, 49.6207

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.



53.1520, 46.9644, 74.8426



41.3973, 46.9644, 26.9618



42.4081, 46.9644, 87.7919

Square

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



41.3973, 46.9644, 26.9618



35.1172, 46.9644, 61.2547



48.0441, 46.9644, 86.6369



55.7412, 46.9644, 42.1983

Rectangle

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



41.3973, 46.9644, 26.9618



35.3495, 46.9644, 40.3431



48.0441, 46.9644, 86.6369



55.4264, 46.9644, 63.7007

Sweetspot

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



41.3985, 46.9665, 26.9628



81.0470, 87.5650, 78.9769



31.7990, 27.4065, 23.6933



17.7475, 19.2426, 16.8859



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.



41.3985, 46.9665, 26.9628



73.5149, 84.5065, 41.3733



35.0084, 43.6723, 26.6637



9.7347, 10.4954, 9.6196



24.9315, 30.3890, 4.5516



0.8837, 1.0738, 0.1607

Inverse Universe

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



25.3560, 23.3142, 49.6207



39.9065, 34.9533, 88.8448



30.4528, 25.9417, 49.8592



8.5349, 8.7266, 11.3140



5.9958, 2.4022, 31.4007



0.2162, 0.0872, 1.1072

Previews

White Background



This preview shows how the XYZ color 41.3973, 46.9644, 26.9618 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 41.3973, 46.9644, 26.9618 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

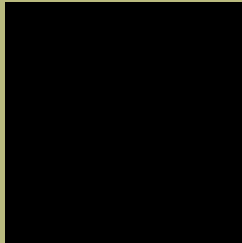
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.3973, 46.9644, 26.9618

Background



This preview shows how black text looks on a background with the XYZ color 41.3973, 46.9644, 26.9618.



This preview shows how white text looks on a background with the XYZ color 41.3973, 46.9644,

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

41.3973, 46.9644, 26.9618

Protanopia

43.4556, 46.8069, 26.1463

Deuteranopia

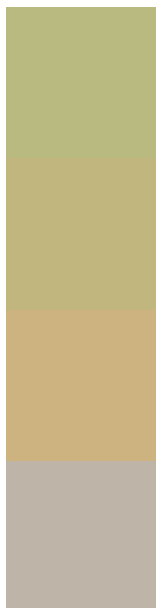
47.9077, 46.9966, 27.3151



Tritanopia

47.4271, 46.9840, 56.4383

Trichromacy



Original Color

41.3973, 46.9644, 26.9618

Protanomaly

42.6917, 46.7108, 26.5047

Deuteranomaly

45.1932, 46.7778, 27.0692

Tritanomaly

44.8270, 46.8220, 43.7207

Monochromacy



Original Color

41.3973, 46.9644, 26.9618

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

42.1292, 45.8177, 39.8810

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3973, 46.9644, 26.9618 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(185, 186, 127)` looks like.

```
.text, #text, p{  
    color:rgb(185, 186, 127)  
}
```

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(185, 186, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 186, 127) }
```

Border

The CSS property to change the border of an element to XYZ 41.3973, 46.9644, 26.9618 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(185, 186, 127) }
```


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

```
.border{ border-color:rgb(185, 186, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 186, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 186, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 186, 127);  
box-shadow:4px 4px 4px 4px rgb(185, 186,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3973, 46.9644, 26.9618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 186, 127) }
```

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

```
.background{ background-color: rgb(185,  
186, 127) }
```

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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