

Converting Colors

XYZ(41.3073, 47.3763, 24.3357)

Have a look what the booklet for
XYZ(41.3073, 47.3763, 24.3357)
contains.

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Color

**XYZ(41.3498, 47.3117,
24.4055)**

Conversions

Conversions Part 1

Format	Color
Hex	BABB77
RGB	186, 187, 119
RGB Percent	73%, 73%, 47%
CMY	0.2706, 0.2666, 0.5333
CMYK	0.01, 0.00, 0.36, 0.27
HSL	61°, 33%, 60%
HSV	61°, 36%, 73%
XYZ	41.3498, 47.3117, 24.4055
YIQ	178.9490, 21.2320, -21.3600

Conversions

Conversions Part 2

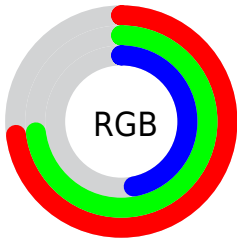
Format	Color
RYB	119, 187, 120
Decimal	12237687
CIELab	74.39, -10.74, 34.35
CIELCh	74, 35.994, 107.367
Yxy	47.3117, 0.3657, 0.4184
Android (android.graphics.Color)	4290427767 (0xFFBABB77)
YUV	178.9490, -29.5549, 6.1837
Hunter-Lab	68.7835, -13.0643, 27.1114

Details

The XYZ color **41.3498, 47.3117, 24.4055** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **23.3140, 20.7758, 49.7979**, and the grayscale version is **42.9662, 45.2038, 49.2269**.

A 20% lighter version of the original color is **76.4591, 86.1344, 51.6255**, and **19.1150, 22.3854, 8.9436** is the 20% darker color. If you saturate the color by 10%, you get **40.2689, 46.8732, 19.0583**, and if you desaturate by 10%, it is **42.6542, 47.8429, 30.9185**.

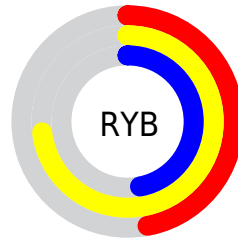
Distribution



Red (73%)

Green (73%)

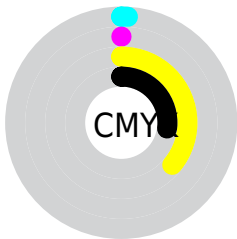
Blue (47%)



Red (47%)

Yellow (73%)

Blue (47%)

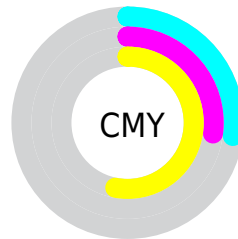


Cyan (1%)

Magenta (0%)

Yellow (36%)

Black (27%)



Cyan (27%)

Magenta (27%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.3498, 47.3117, 24.4055 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 41.3498, 47.3117, 24.4055 by changing the saturation by 10% instead.

■ 41.3498, 47.3117,
24.4055

■ 41.3498, 47.3117,
24.4055

342.8181,
376.0573, 288.2165

■ 28.7814, 33.2821,
15.4197

■ 76.4860, 86.1787,
51.6432

■ 19.0590, 22.3427,
8.9646

■ 99.7845, 111.7849,
70.7322

■ 11.8171, 14.1089,
4.6216

■ 127.3903,
142.0188, 94.0261

■ 6.6906, 8.1964,
1.9722

159.6690,
177.2648, 121.9433

■ 3.3140, 4.2209,
0.5381

196.9857,
217.9073, 154.9024

■ 1.3219, 1.7979,
0.0000

239.7059,

■ 0.1995, 0.4859,

264.3306, 193.3219

0.0000

288.1949,
316.9191, 237.6204

■ 0.0000, 0.0000,
0.0000

■ 41.3498, 47.3117,
24.4055

■ 41.3498, 47.3117,
24.4055

■ 40.2689, 46.8732,
19.0583

■ 42.6542, 47.8429,
30.9185

■ 39.3949, 46.5159,
14.8054

■ 44.1906, 48.4652,
38.6574

■ 38.7146, 46.2361,
11.5721

■ 45.9712, 49.1853,
47.6816


■ 38.2119, 46.0273,
9.2728


■ 48.0064, 50.0071,
58.0458


■ 37.8678, 45.8820,
7.8085


■ 50.3059, 50.9348,
69.8016


 37.6577, 45.7903,
7.0489

 52.8792, 51.9719,
82.9979

 37.5963, 45.7629,
6.8516

 55.7349, 53.1221,
97.6810

 56.6125, 53.4810,
101.9468

 56.6808, 53.5162,
101.9500

Harmonies

Analogous

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



47.7495, 47.3117, 23.9447



41.3498, 47.3117, 24.4055



36.4081, 47.3117, 30.9237

Triad

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



41.3498, 47.3117, 24.4055



37.0442, 47.3117, 82.4895



58.2592, 47.3117, 59.7217

Complementary

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



41.3498, 47.3117, 24.4055



23.3140, 20.7758, 49.7979

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.



54.7750, 47.3117, 79.6687



41.3498, 47.3117, 24.4055



42.2973, 47.3117, 94.7834

Square

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



41.3498, 47.3117, 24.4055



34.0913, 47.3117, 62.9202



48.7921, 47.3117, 93.6421



57.9431, 47.3117, 41.5777

Rectangle

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



41.3498, 47.3117, 24.4055



34.4179, 47.3117, 38.9632



48.7921, 47.3117, 93.6421



57.4806, 47.3117, 66.5072

Sweetspot

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



41.3510, 47.3138, 24.4065



80.7385, 87.4423, 77.3193



30.4217, 25.0916, 20.6932



17.6851, 19.2179, 16.5464



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.



41.3510, 47.3138, 24.4065



72.4110, 84.0646, 35.5757



34.2388, 43.6474, 24.0736



10.3079, 11.1132, 10.1784



25.9084, 31.5322, 4.7208



1.0193, 1.2375, 0.1851

Inverse Universe

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



23.3140, 20.7758, 49.7979



35.1761, 29.2768, 87.9984



28.7048, 23.5549, 50.0502



9.0292, 9.2319, 11.9783



6.2094, 2.4871, 32.5457



0.2477, 0.0998, 1.2751

Previews

White Background



This preview shows how the XYZ color 41.3498, 47.3117, 24.4055 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 41.3498, 47.3117, 24.4055 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 41.3498, 47.3117, 24.4055

Background



This preview shows how black text looks on a background with the XYZ color 41.3498, 47.3117, 24.4055.



This preview shows how white text looks on a background with the XYZ color 41.3498, 47.3117,

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

41.3498, 47.3117, 24.4055

Protanopia

43.6976, 47.2934, 23.6551

Deuteranopia

48.0562, 47.1252, 24.9756



Tritanopia

47.9405, 47.2487, 56.4623

Trichromacy



Original Color

41.3498, 47.3117, 24.4055

Protanomaly

42.6586, 47.0583, 23.9744

Deuteranomaly

45.3034, 46.8861, 24.7513

Tritanomaly

45.0536, 46.9708, 42.2890

Monochromacy



Original Color

41.3498, 47.3117, 24.4055

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

42.1052, 45.8353, 38.5262

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3498, 47.3117, 24.4055 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(186, 187, 119)` looks like.

```
.text, #text, p{  
    color:rgb(186, 187, 119)  
}
```

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(186, 187, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 187, 119) }
```

Border

The CSS property to change the border of an element to XYZ 41.3498, 47.3117, 24.4055 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(186, 187, 119) }
```


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

```
.border{ border-color:rgb(186, 187, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 187, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 187, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 187, 119);  
box-shadow:4px 4px 4px 4px rgb(186, 187,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3498, 47.3117, 24.4055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 187, 119) }
```

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

```
.background{ background-color: rgb(186,  
187, 119) }
```

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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