

Converting Colors

XYZ(41.3215, 46.4766, 41.2763)

Have a look what the booklet for
XYZ(41.3215, 46.4766, 41.2763)
contains.

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Color

**XYZ(41.4033, 46.6464,
41.4718)**

Conversions

Conversions Part 1

Format	Color
Hex	ADBAA3
RGB	173, 186, 163
RGB Percent	68%, 73%, 64%
CMY	0.3216, 0.2706, 0.3608
CMYK	0.07, 0.00, 0.12, 0.27
HSL	94°, 14%, 68%
HSV	94°, 12%, 73%
XYZ	41.4033, 46.6464, 41.4718
YIQ	179.4910, -0.3650, -9.9090

Conversions

Conversions Part 2

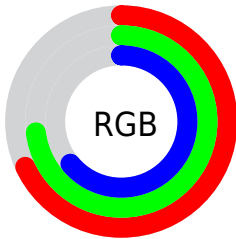
Format	Color
RYB	163, 186, 176
Decimal	11385507
CIELab	73.96, -8.75, 10.13
CIELCh	74, 13.386, 130.797
Yxy	46.6464, 0.3197, 0.3601
Android (android.graphics.Color)	4289575587 (0xFFADBAA3)
YUV	179.4910, -8.1301, -5.6926
Hunter-Lab	68.2982, -11.3126, 11.8068

Details

The XYZ color **41.4033, 46.6464, 41.4718** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **39.8666, 38.9710, 51.8778**, and the grayscale version is **43.1531, 45.4004, 49.4410**.

A 20% lighter version of the original color is **76.4019, 85.0602, 78.7211**, and **19.1419, 21.9877, 18.2741** is the 20% darker color. If you saturate the color by 10%, you get **37.6237, 44.8779, 33.2259**, and if you desaturate by 10%, it is **45.6136, 48.6113, 51.0194**.

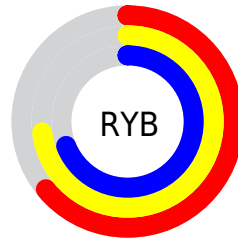
Distribution



Red (68%)

Green (73%)

Blue (64%)



Red (64%)

Yellow (73%)

Blue (69%)

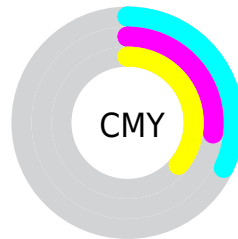


Cyan (7%)

Magenta (0%)

Yellow (12%)

Black (27%)



Cyan (32%)


Magenta (27%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.4033, 46.6464, 41.4718 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 41.4033, 46.6464, 41.4718 by changing the saturation by 10% instead.


 41.4033, 46.6464,
41.4718


 41.4033, 46.6464,
41.4718


343.0373,
373.4013, 368.0235

 28.8234, 32.7562,
28.3654


 76.5666, 85.1856,
78.6610

 19.0909, 21.9398,
18.3599


 99.8807, 110.6033,
103.5810

 11.8404, 13.8126,
11.0366


127.5036,
140.6324, 133.2759

 6.7065, 7.9905,
5.9770

159.8006,
175.6572, 168.1643

 3.3239, 4.0888,
2.7625

197.1371,
216.0621, 208.6647

 1.3273, 1.7234,
0.9747

239.8785,

 0.2035, 0.4387,

262.2315, 255.1957

0.0000

288.3901,
314.5498, 308.1758

■ 0.0000, 0.0000,
0.0000

■ 41.4033, 46.6464,
41.4718

■ 41.4033, 46.6464,
41.4718

■ 37.6237, 44.8779,
33.2259

■ 45.6136, 48.6113,
51.0194

■ 34.2563, 43.2935,
26.2222

■ 50.2649, 50.7727,
61.9185

■ 31.2864, 41.8882,
20.4014

■ 55.3718, 53.1384,
74.2201

■ 28.6971, 40.6548,
15.6980

■ 60.9471, 55.7140,
87.9716

■ 26.4702, 39.5855,
12.0399

■ 66.8410, 58.4400,
102.3649

■ 24.5855, 38.6715,
9.3468

■ 70.2321, 60.1881,
102.5236

■ 23.0204, 37.9034,
7.5269

■ 73.8288, 62.0423,
102.6919

■ 21.7488, 37.2699,
6.4701

■ 76.8499, 63.5997,
102.8333

■ 20.9407, 36.8626,
6.0115

Harmonies

Analogous

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



43.4815, 46.6464, 38.9376



41.4033, 46.6464, 41.4718



40.1400, 46.6464, 46.5866

Triad

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



41.4033, 46.6464, 41.4718



42.8429, 46.6464, 64.2470



49.0007, 46.6464, 48.3664

Complementary

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



41.4033, 46.6464, 41.4718



39.8666, 38.9710, 51.8778

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.



48.8147, 46.6464, 55.2390



41.4033, 46.6464, 41.4718



45.2016, 46.6464, 64.8323

Square

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



41.4033, 46.6464, 41.4718



40.9503, 46.6464, 59.8749



47.4040, 46.6464, 61.4088



47.9034, 46.6464, 42.6740

Rectangle

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



41.4033, 46.6464, 41.4718



39.9018, 46.6464, 50.9730



47.4040, 46.6464, 61.4088



49.0872, 46.6464, 50.6074

Sweetspot

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



41.4046, 46.6484, 41.4728



81.3208, 87.4766, 89.3603



42.3192, 43.9989, 40.9132



17.7770, 19.2027, 19.3781



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.



41.4046, 46.6484, 41.4728



72.9914, 83.5887, 70.6240



39.3790, 45.5922, 41.9185



9.2507, 10.2459, 9.5970



14.1703, 24.8414, 4.0480



0.5708, 0.9124, 0.1460

Inverse Universe

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



39.8666, 38.9710, 51.8778



69.6216, 66.7687, 93.4196



42.0898, 40.1312, 51.3461



8.9938, 8.9632, 11.3355



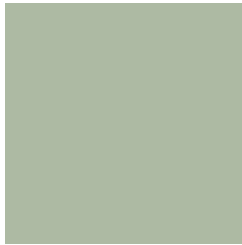
9.9810, 4.4566, 31.5872



0.4215, 0.1930, 1.1168

Previews

White Background



This preview shows how the XYZ color 41.4033, 46.6464, 41.4718 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 41.4033, 46.6464, 41.4718 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

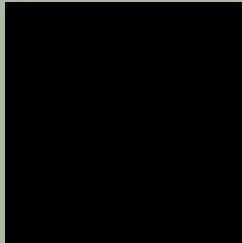
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

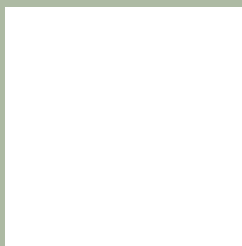
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.4033, 46.6464, 41.4718

Background



This preview shows how black text looks on a background with the XYZ color 41.4033, 46.6464, 41.4718.



This preview shows how white text looks on a background with the XYZ color 41.4033, 46.6464,

41.4718.

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

41.4033, 46.6464, 41.4718

Protanopia

44.1042, 46.5330, 39.9149

Deuteranopia

47.2983, 46.3557, 42.0520



Tritanopia

44.8478, 46.4982, 58.8359

Trichromacy



Original Color

41.4033, 46.6464, 41.4718

Protanomaly

43.1337, 46.6305, 40.4454

Deuteranomaly

44.8133, 46.2580, 41.6887

Tritanomaly

43.4897, 46.5578, 52.0418

Monochromacy



Original Color

41.4033, 46.6464, 41.4718

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

42.4022, 45.8201, 46.1445

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.4033, 46.6464, 41.4718 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(173, 186, 163)` looks like.

```
.text, #text, p{  
    color:rgb(173, 186, 163)  
}
```

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(173, 186, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 186, 163) }
```

Border

The CSS property to change the border of an element to XYZ 41.4033, 46.6464, 41.4718 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(173, 186, 163) }
```


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

```
.border{ border-color:rgb(173, 186, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 186, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 186, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 186, 163);  
box-shadow:4px 4px 4px 4px rgb(173, 186,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 41.4033, 46.6464, 41.4718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 186, 163) }
```

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

```
.background{ background-color: rgb(173,  
186, 163) }
```

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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