

Converting Colors

XYZ(41.7707, 49.2489, 43.2882)

Have a look what the booklet for
XYZ(41.7707, 49.2489, 43.2882)
contains.

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Color

**XYZ(41.9006, 49.4437,
43.4116)**

Conversions

Conversions Part 1

Format	Color
Hex	A6C2A6
RGB	166, 194, 166
RGB Percent	65%, 76%, 65%
CMY	0.3490, 0.2392, 0.3490
CMYK	0.14, 0.00, 0.14, 0.24
HSL	120°, 19%, 71%
HSV	120°, 14%, 76%
XYZ	41.9006, 49.4437, 43.4116
YIQ	182.4360, -7.7000, -14.6440

Conversions

Conversions Part 2

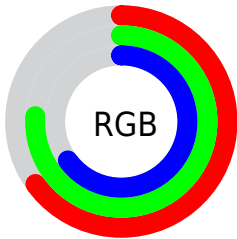
Format	Color
RYB	166, 194, 194
Decimal	10928806
CIELab	75.73, -14.84, 10.95
CIELCh	76, 18.438, 143.575
Yxy	49.4437, 0.3109, 0.3669
Android (android.graphics.Color)	4289118886 (0xFFA6C2A6)
YUV	182.4360, -8.1029, -14.4144
Hunter-Lab	70.3162, -16.6873, 12.6171

Details

The XYZ color **41.9006, 49.4437, 43.4116** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **45.6237, 42.6380, 56.8665**, and the grayscale version is **44.7481, 47.0785, 51.2685**.

A 20% lighter version of the original color is **77.3671, 89.5870, 81.6209**, and **19.3548, 23.5485, 19.4448** is the 20% darker color. If you saturate the color by 10%, you get **36.4891, 46.8457, 34.5590**, and if you desaturate by 10%, it is **48.1968, 52.4695, 53.7090**.

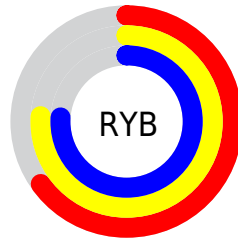
Distribution



Red (65%)

Green (76%)

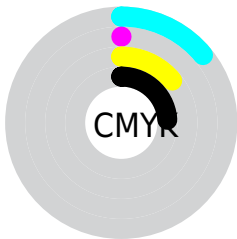
Blue (65%)



Red (65%)

Yellow (76%)

Blue (76%)

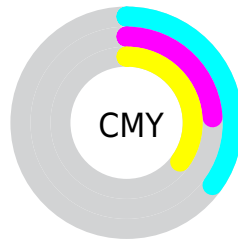


Cyan (14%)

Magenta (0%)

Yellow (14%)

Black (24%)



Cyan (35%)


Magenta (24%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.9006, 49.4437, 43.4116 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 41.9006, 49.4437, 43.4116 by changing the saturation by 10% instead.


 41.9006, 49.4437,
43.4116


 41.9006, 49.4437,
43.4116

345.0694,
384.4865, 376.2726

 29.2142, 34.9716,
29.8744


 77.3153, 89.3501,
81.6246

 19.3880, 23.6410,
19.4920


 100.7743,
115.5531, 107.1375

 12.0567, 15.0675,
11.8459


128.5549,
146.4353, 137.4794

 6.8548, 8.8668,
6.5176

161.0225,
182.3810, 173.0688

 3.4170, 4.6544,
3.0885

198.5423,
223.7745, 214.3243

 1.3779, 2.0459,
1.1400

241.4799,

 0.2404, 0.6340,

271.0004, 261.6644

0.0000

290.2004,
324.4429, 315.5077

■ 0.0000, 0.0000,
0.0000

■ 41.9006, 49.4437,
43.4116

■ 41.9006, 49.4437,
43.4116

■ 36.4891, 46.8457,
34.5590

■ 48.1968, 52.4695,
53.7090

■ 31.9189, 44.6504,
27.0836

■ 55.4105, 55.9347,
65.5083

■ 28.1490, 42.8396,
20.9172

■ 63.5780, 59.8579,
78.8676

■ 25.1333, 41.3910,
15.9844

■ 72.7321, 64.2551,
93.8407

■ 22.8211, 40.2803,
12.2024

■ 78.5827, 67.0655,
103.4109

■ 21.1556, 39.4803,
9.4781

■ 20.0709, 38.9592,
7.7038

■ 19.4873, 38.6789,
6.7493

■ 19.2927, 38.5855,
6.4310

Harmonies

Analogous

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



44.4140, 49.4437, 38.3564



41.9006, 49.4437, 43.4116



40.7595, 49.4437, 51.7561

Triad

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



41.9006, 49.4437, 43.4116



46.2629, 49.4437, 74.7982



53.2819, 49.4437, 46.6507

Complementary

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



41.9006, 49.4437, 43.4116



45.6237, 42.6380, 56.8665

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.



53.8355, 49.4437, 55.9705



41.9006, 49.4437, 43.4116



49.6736, 49.4437, 73.0033

Square

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



41.9006, 49.4437, 43.4116



43.1980, 49.4437, 70.4521



52.4859, 49.4437, 65.8079



51.0077, 49.4437, 40.0619

Rectangle

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



41.9006, 49.4437, 43.4116



40.8891, 49.4437, 58.3774



52.4859, 49.4437, 65.8079



53.6798, 49.4437, 49.5361

Sweetspot

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



41.9019, 49.4458, 43.4127



87.7708, 95.2754, 98.0459



48.4250, 52.8086, 43.7178



19.0157, 20.7658, 21.1354



0.0000, 0.0000, 0.0000



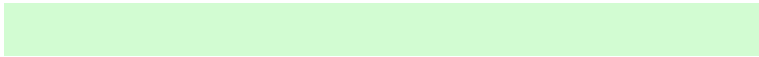
20.3446, 21.4041, 23.3091

Same Dimension

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



41.9019, 49.4458, 43.4127



72.9725, 88.1670, 73.8408



43.2574, 49.9880, 50.5502



9.9445, 11.2588, 10.7109



12.6838, 25.3676, 4.2280



0.5480, 1.0961, 0.1827

Inverse Universe

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



45.6237, 42.6380, 56.8665



80.8816, 73.6995, 102.4318



44.1241, 42.0382, 48.9700



10.4973, 10.2475, 12.7095



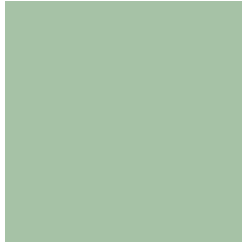
21.0295, 10.1015, 34.3970



0.9086, 0.4365, 1.4862

Previews

White Background



This preview shows how the XYZ color 41.9006, 49.4437, 43.4116 looks on a white background.

Color Contrast Check

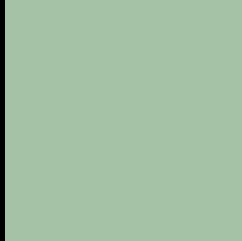
Large Text (above 18pt) WCAG AA × Fail

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 41.9006, 49.4437, 43.4116 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

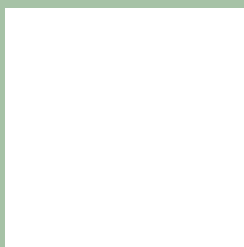
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.9006, 49.4437, 43.4116

Background



This preview shows how black text looks on a background with the XYZ color 41.9006, 49.4437, 43.4116.



This preview shows how white text looks on a background with the XYZ color 41.9006, 49.4437,

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

41.9006, 49.4437, 43.4116

Protanopia

46.5862, 49.3285, 41.2484

Deuteranopia

50.3467, 49.3560, 44.4092



Tritanopia

46.1099, 49.5255, 64.2559

Trichromacy



Original Color

41.9006, 49.4437, 43.4116

Protanomaly

44.5756, 49.2299, 41.8033

Deuteranomaly

46.9225, 49.1272, 44.0552

Tritanomaly

44.5026, 49.5254, 55.9290

Monochromacy



Original Color

41.9006, 49.4437, 43.4116

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

43.2999, 47.4825, 47.9572

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.9006, 49.4437, 43.4116 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(166, 194, 166)` looks like.

```
.text, #text, p{  
    color:rgb(166, 194, 166)  
}
```

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(166, 194, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 194, 166) }
```

Border

The CSS property to change the border of an element to XYZ 41.9006, 49.4437, 43.4116 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(166, 194, 166) }
```


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

```
.border{ border-color:rgb(166, 194, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 194, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 194, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 194, 166);  
box-shadow:4px 4px 4px 4px rgb(166, 194,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 41.9006, 49.4437, 43.4116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 194, 166) }
```

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

```
.background{ background-color: rgb(166,  
194, 166) }
```

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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