

Converting Colors

XYZ(41.2818, 47.9766, 43.4020)

Have a look what the booklet for
XYZ(41.2818, 47.9766, 43.4020)
contains.

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Color

**XYZ(41.5422, 48.2671,
43.6862)**

Conversions

Conversions Part 1

Format	Color
Hex	A7BFA7
RGB	167, 191, 167
RGB Percent	65%, 75%, 65%
CMY	0.3451, 0.2510, 0.3451
CMYK	0.13, 0.00, 0.13, 0.25
HSL	120°, 16%, 70%
HSV	120°, 13%, 75%
XYZ	41.5422, 48.2671, 43.6862
YIQ	181.0880, -6.6000, -12.5520

Conversions

Conversions Part 2

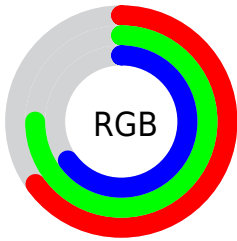
Format	Color
RYB	167, 191, 191
Decimal	10993575
CIELab	74.99, -12.76, 9.37
CIELCh	75, 15.835, 143.704
Yxy	48.2671, 0.3112, 0.3616
Android (android.graphics.Color)	4289183655 (0xFFA7BFA7)
YUV	181.0880, -6.9454, -12.3552
Hunter-Lab	69.4745, -14.8466, 11.3501

Details

The XYZ color **41.5422, 48.2671, 43.6862** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **44.7103, 42.4765, 55.1348**, and the grayscale version is **44.0086, 46.3005, 50.4212**.

A 20% lighter version of the original color is **76.5698, 87.3251, 81.9270**, and **19.2532, 23.0596, 19.6559** is the 20% darker color. If you saturate the color by 10%, you get **36.1640, 45.6851, 34.8881**, and if you desaturate by 10%, it is **47.7799, 51.2648, 53.8879**.

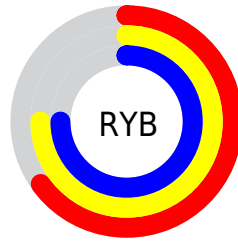
Distribution



Red (65%)

Green (75%)

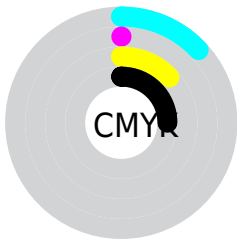
Blue (65%)



Red (65%)

Yellow (75%)

Blue (75%)

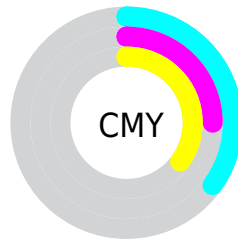


Cyan (13%)

Magenta (0%)

Yellow (13%)

Black (25%)



Cyan (35%)

Magenta (25%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.5422, 48.2671, 43.6862 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 41.5422, 48.2671, 43.6862 by changing the saturation by 10% instead.

■ 41.5422, 48.2671,
43.6862

■ 41.5422, 48.2671,
43.6862

343.6057,
379.8499, 377.4300

■ 28.9325, 34.0385,
30.0885

■ 76.7758, 87.6020,
82.0428

■ 19.1738, 22.9231,
19.6532

■ 100.1305,
113.4770, 107.6387

■ 11.9007, 14.5368,
11.9616

127.7975,
144.0029, 138.0712

■ 6.7478, 8.4949,
6.5953

160.1422,
179.5641, 173.7587

■ 3.3498, 4.4132,
3.1357

197.5301,
220.5450, 215.1198

■ 1.3413, 1.9073,
1.1644

240.3264,

■ 0.2138, 0.5528,

267.3300, 262.5730

0.0000

288.8964,
320.3035, 316.5369

■ 0.0000, 0.0000,
0.0000

■ 41.5422, 48.2671,
43.6862

■ 41.5422, 48.2671,
43.6862

■ 36.1640, 45.6851,
34.8881

■ 47.7799, 51.2648,
53.8879

■ 31.6039, 43.4947,
27.4293

■ 54.9082, 54.6889,
65.5474

■ 27.8231, 41.6785,
21.2450

■ 62.9616, 58.5573,
78.7201

■ 24.7779, 40.2158,
16.2640

■ 71.9715, 62.8853,
93.4574

■ 22.4205, 39.0834,
12.4080

■ 77.9217, 65.7435,
103.1906

■ 20.6974, 38.2557,
9.5896

■ 19.5473, 37.7032,
7.7082

■ 18.8966, 37.3907,
6.6438

■ 18.6318, 37.2635,
6.2107

Harmonies

Analogous

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



43.6787, 48.2671, 39.2889



41.5422, 48.2671, 43.6862



40.5721, 48.2671, 50.8287

Triad

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



41.5422, 48.2671, 43.6862



45.2698, 48.2671, 70.0120



51.1546, 48.2671, 46.4134

Complementary

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



41.5422, 48.2671, 43.6862



44.7103, 42.4765, 55.1348

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.



51.6240, 48.2671, 54.3192



41.5422, 48.2671, 43.6862



48.1467, 48.2671, 68.5137

Square

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



41.5422, 48.2671, 43.6862



42.6652, 48.2671, 66.4520



50.5021, 48.2671, 62.5488



49.2449, 48.2671, 40.7440

Rectangle

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



41.5422, 48.2671, 43.6862



40.6871, 48.2671, 56.4155



50.5021, 48.2671, 62.5488



51.4893, 48.2671, 48.8741

Sweetspot

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



41.5435, 48.2692, 43.6873



83.7982, 90.9600, 93.6110



47.0938, 51.1305, 43.9468



18.2062, 19.8803, 20.2370



92.9021, 97.7402, 106.4391



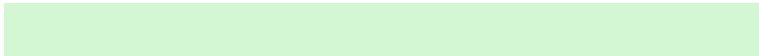
19.4759, 20.4902, 22.3138

Same Dimension

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



41.5435, 48.2692, 43.6873



71.6806, 85.1393, 73.7905



42.7053, 48.7339, 49.8050



9.4088, 10.6496, 10.1364



12.2439, 24.4879, 4.0814



0.4796, 0.9592, 0.1599

Inverse Universe

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



44.7103, 42.4765, 55.1348



78.4316, 72.7903, 98.1948



43.4428, 41.9696, 48.4605



9.9300, 9.6963, 12.0204



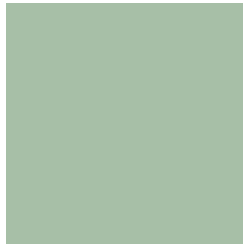
20.3002, 9.7512, 33.2040



0.7952, 0.3820, 1.3006

Previews

White Background



This preview shows how the XYZ color 41.5422, 48.2671, 43.6862 looks on a white background.

Color Contrast Check

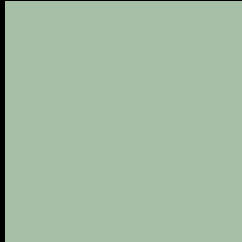
Large Text (above 18pt) WCAG AA × Fail

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 41.5422, 48.2671, 43.6862 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 41.5422, 48.2671, 43.6862

Background



This preview shows how black text looks on a background with the XYZ color 41.5422, 48.2671, 43.6862.



This preview shows how white text looks on a background with the XYZ color 41.5422, 48.2671,

43.6862.

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

41.5422, 48.2671, 43.6862

Protanopia

45.4896, 48.1318, 41.5431

Deuteranopia

48.9082, 48.0085, 44.7190



Tritanopia

45.3351, 48.2191, 62.1761

Trichromacy



Original Color

41.5422, 48.2671, 43.6862

Protanomaly

43.9996, 48.2883, 42.1235

Deuteranomaly

45.8331, 47.9380, 44.3734

Tritanomaly

43.9631, 48.2985, 55.1495

Monochromacy



Original Color

41.5422, 48.2671, 43.6862

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

43.0899, 47.0626, 47.8872

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5422, 48.2671, 43.6862 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(167, 191, 167)` looks like.

```
.text, #text, p{  
    color:rgb(167, 191, 167)  
}
```

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(167, 191, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 191, 167) }
```

Border

The CSS property to change the border of an element to XYZ 41.5422, 48.2671, 43.6862 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(167, 191, 167) }
```


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

```
.border{ border-color:rgb(167, 191, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 191, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 191, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 191, 167);  
box-shadow:4px 4px 4px 4px rgb(167, 191,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5422, 48.2671, 43.6862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 191, 167) }
```

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

```
.background{ background-color: rgb(167,  
191, 167) }
```

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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