

Converting Colors

XYZ(41.8586, 48.4831, 43.1677)

Have a look what the booklet for
XYZ(41.8586, 48.4831, 43.1677)
contains.

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Color

**XYZ(41.8759, 48.4498,
43.2210)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | A9BFA6 |
| RGB | 169, 191, 166 |
| RGB Percent | 66%, 75%, 65% |
| CMY | 0.3373, 0.2510, 0.3490 |
| CMYK | 0.12, 0.00, 0.13, 0.25 |
| HSL | 113°, 16%, 70% |
| HSV | 113°, 13%, 75% |
| XYZ | 41.8759, 48.4498, 43.2210 |
| YIQ | 181.5720, -5.0870, -12.4390 |

Conversions

Conversions Part 2

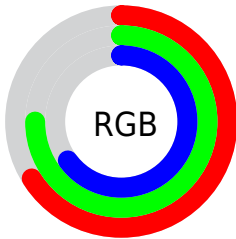
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 166, 191, 188 |
| Decimal | 11124646 |
| CIELab | 75.11, -12.24, 10.10 |
| CIELCh | 75, 15.869, 140.489 |
| Yxy | 48.4498, 0.3136, 0.3628 |
| Android (android.graphics.Color) | 4289314726 (0xFFA9BFA6) |
| YUV | 181.5720, -7.6770, -11.0256 |
| Hunter-Lab | 69.6059, -14.4222, 11.9087 |

Details

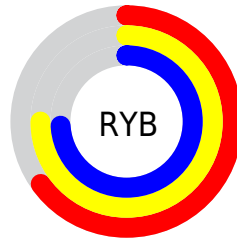
The XYZ color **41.8759, 48.4498, 43.2210** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.7812, 41.7267, 55.0393**, and the grayscale version is **44.2742, 46.5799, 50.7255**.

A 20% lighter version of the original color is **77.0524, 87.5893, 81.2519**, and **19.4619, 23.1738, 19.3668** is the 20% darker color. If you saturate the color by 10%, you get **36.8753, 46.0609, 34.5102**, and if you desaturate by 10%, it is **47.6030, 51.1859, 53.3263**.

Distribution



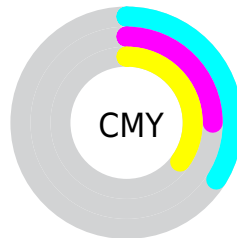
- Red (66%)
- Green (75%)
- Blue (65%)



- Red (65%)
- Yellow (75%)
- Blue (74%)



- Cyan (12%)
- Magenta (0%)
- Yellow (13%)
- Black (25%)





- Cyan (34%)
- Magenta (25%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.8759, 48.4498, 43.2210 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 41.8759, 48.4498, 43.2210 by changing the saturation by 10% instead.

 41.8759, 48.4498,
43.2210


 41.8759, 48.4498,
43.2210


344.9686,
380.5723, 375.4677

 29.1948, 34.1832,
29.7259


 77.2781, 87.8737,
81.3342

 19.3733, 23.0344,
19.3803

 100.7300,
113.7999, 106.7893

 12.0459, 14.6189,
11.7658


128.5028,
144.3814, 137.0682

 6.8474, 8.5524,
6.4638

160.9619,
180.0025, 172.5894

 3.4123, 4.4504,
3.0558

198.4727,
221.0478, 213.7714

 1.3754, 1.9286,
1.1232

241.4005,

 0.2386, 0.5655,

267.9016, 261.0327

0.0000

290.1107,
320.9483, 314.7920

■ 0.0000, 0.0000,
0.0000

■ 41.8759, 48.4498,
43.2210

■ 41.8759, 48.4498,
43.2210

■ 36.8753, 46.0609,
34.5102

■ 47.6030, 51.1859,
53.3263

■ 32.5683, 43.9995,
27.1295

■ 54.0801, 54.2760,
64.8800

■ 28.9254, 42.2531,
21.0146

■ 61.3343, 57.7341,
77.9374

■ 25.9131, 40.8060,
16.0943

■ 69.3903, 61.5721,
92.5496

■ 23.4954, 39.6413,
12.2905

■ 77.2066, 65.3748,
103.1571

■ 21.6323, 38.7403,
9.5158

■ 77.9218, 65.7435,
103.1906

■ 20.2789, 38.0821,
7.6696

■ 19.3829, 37.6422,
6.6316

■ 18.9832, 37.4447,
6.2270

Harmonies

Analogous

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



44.1235, 48.4498, 39.1491



41.8759, 48.4498, 43.2210



40.7606, 48.4498, 50.1554

Triad

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



41.8759, 48.4498, 43.2210



45.1337, 48.4498, 70.1457



51.4801, 48.4498, 47.3529

Complementary

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



41.8759, 48.4498, 43.2210



43.7812, 41.7267, 55.0393

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.



51.7784, 48.4498, 55.4400



41.8759, 48.4498, 43.2210



48.0319, 48.4498, 69.1928

Square

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



41.8759, 48.4498, 43.2210



42.5887, 48.4498, 66.0751



50.4928, 48.4498, 63.5939



49.6941, 48.4498, 41.3549

Rectangle

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



41.8759, 48.4498, 43.2210



40.7759, 48.4498, 55.7180



50.4928, 48.4498, 63.5939



51.7606, 48.4498, 49.8963

Sweetspot

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



41.8772, 48.4519, 43.2221



84.1969, 91.1656, 93.6296



46.2830, 49.6561, 43.2223



18.3092, 19.9333, 20.2418



92.9021, 97.7402, 106.4391



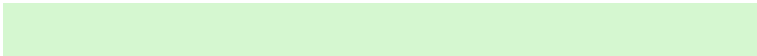
19.4759, 20.4902, 22.3138

Same Dimension

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



41.8772, 48.4519, 43.2221



72.0273, 85.3535, 72.2075



42.1124, 48.4725, 47.7812



9.5123, 10.7030, 10.1412



12.5118, 24.6260, 4.0938



0.5256, 0.9829, 0.1620

Inverse Universe

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



43.7812, 41.7267, 55.0393



76.1684, 70.7226, 97.9155



43.5501, 41.7205, 49.9250



9.8142, 9.6366, 12.0150



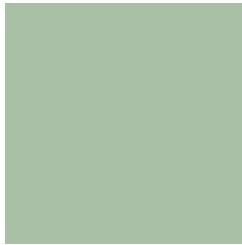
16.8499, 7.9725, 33.0437



0.6922, 0.3289, 1.2959

Previews

White Background



This preview shows how the XYZ color 41.8759, 48.4498, 43.2210 looks on a white background.

Color Contrast Check

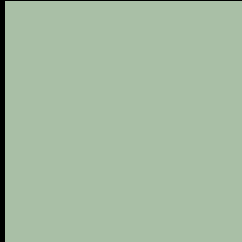
Large Text (above 18pt) WCAG AA × Fail

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 41.8759, 48.4498, 43.2210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

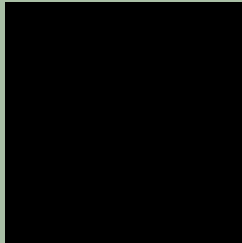
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

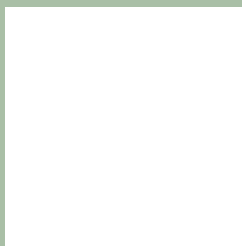
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.8759, 48.4498, 43.2210

Background



This preview shows how black text looks on a background with the XYZ color 41.8759, 48.4498, 43.2210.



This preview shows how white text looks on a background with the XYZ color 41.8759, 48.4498,

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

41.8759, 48.4498, 43.2210

Protanopia

45.6544, 48.2271, 41.0849

Deuteranopia

49.0943, 48.1153, 44.2357



Tritanopia

45.7807, 48.4488, 62.1970

Trichromacy



Original Color

41.8759, 48.4498, 43.2210

Protanomaly

44.1483, 48.3753, 41.6608

Deuteranomaly

46.2495, 48.1635, 43.9047

Tritanomaly

44.2939, 48.4815, 54.6003

Monochromacy



Original Color

41.8759, 48.4498, 43.2210

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

43.3169, 47.1796, 47.8978

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.8759, 48.4498, 43.2210 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(169, 191, 166)` looks like.

```
.text, #text, p{  
    color:rgb(169, 191, 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(169, 191, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 191, 166) }
```

Border

The CSS property to change the border of an element to XYZ 41.8759, 48.4498, 43.2210 is called "border". The border property can be set on classes, ids or directly on the HTML element.

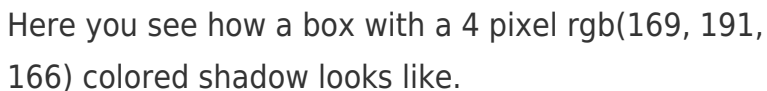
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(169, 191, 166) }
```


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

```
.border{ border-color:rgb(169, 191, 166) }
```

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



Here you see how a box with a 4 pixel `rgb(169, 191, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(169, 191, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(169, 191, 166); box-shadow:4px 4px 4px 4px rgb(169, 191, 166) }
```

Background

The CSS property to change the background color of an element to XYZ 41.8759, 48.4498, 43.2210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 191, 166) }
```

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

```
.background{ background-color: rgb(169,  
191, 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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