

Converting Colors

XYZ(42.3464, 49.2394, 44.6068)

Have a look what the booklet for
XYZ(42.3464, 49.2394, 44.6068)
contains.

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Color

**XYZ(42.3798, 49.3293,
44.8240)**

Conversions

Conversions Part 1

Format	Color
Hex	A8C1A9
RGB	168, 193, 169
RGB Percent	66%, 76%, 66%
CMY	0.3412, 0.2431, 0.3372
CMYK	0.13, 0.00, 0.12, 0.24
HSL	122°, 17%, 71%
HSV	122°, 13%, 76%
XYZ	42.3798, 49.3293, 44.8240
YIQ	182.7890, -7.1960, -12.7640

Conversions

Conversions Part 2

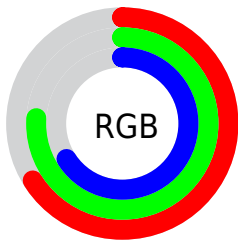
Format	Color
RYB	168, 192, 193
Decimal	11059625
CIELab	75.66, -13.09, 9.25
CIELCh	76, 16.022, 144.754
Yxy	49.3293, 0.3104, 0.3613
Android (android.graphics.Color)	4289249705 (0xFFA8C1A9)
YUV	182.7890, -6.7980, -12.9700
Hunter-Lab	70.2348, -15.2038, 11.3254

Details

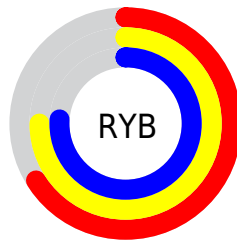
The XYZ color **42.3798, 49.3293, 44.8240** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.5111, 43.1496, 55.8013**, and the grayscale version is **44.9341, 47.2742, 51.4816**.

A 20% lighter version of the original color is **77.7617, 88.8212, 83.5667**, and **19.6460, 23.4626, 20.3229** is the 20% darker color. If you saturate the color by 10%, you get **36.9540, 46.7206, 36.1248**, and if you desaturate by 10%, it is **48.6647, 52.3553, 54.8522**.

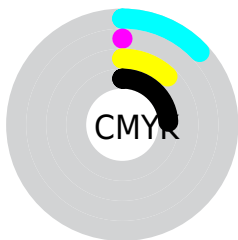
Distribution



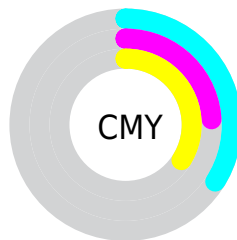
- Red (66%)
- Green (76%)
- Blue (66%)



- Red (66%)
- Yellow (75%)
- Blue (76%)



- Cyan (13%)
- Magenta (0%)
- Yellow (12%)
- Black (24%)





- Cyan (34%)
- Magenta (24%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.3798, 49.3293, 44.8240 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 42.3798, 49.3293, 44.8240 by changing the saturation by 10% instead.

 42.3798, 49.3293,
44.8240


 42.3798, 49.3293,
44.8240


347.0198,
384.0373, 382.1996

 29.5912, 34.8808,
30.9769

 78.0357, 89.1803,
83.7719

 19.6750, 23.5710,
20.3229

 101.6337,
115.3516, 109.7097

 12.2659, 15.0157,
12.4436

129.5655,
146.1993, 140.5149

 6.9985, 8.8304,
6.9203

162.1966,
182.1078, 176.6060

 3.5075, 4.6307,
3.3346

199.8922,
223.4614, 218.4014

 1.4275, 2.0323,
1.2679

243.0177,

 0.2757, 0.6261,

270.6446, 266.3198

0.0353

291.9384,
324.0418, 320.7797

■ 0.0000, 0.0000,
0.0000

■ 42.3798, 49.3293,
44.8240

■ 42.3798, 49.3293,
44.8240

■ 36.9540, 46.7206,
36.1248

■ 48.6647, 52.3553,
54.8522

■ 32.3462, 44.5048,
28.6957

■ 55.8395, 55.8090,
66.2584

■ 28.5179, 42.6649,
22.4784

■ 63.9384, 59.7084,
79.0931

■ 25.4261, 41.1800,
17.4086

■ 72.9927, 64.0687,
93.4034

■ 23.0233, 40.0272,
13.4161

■ 78.3609, 66.6218,
103.3370

■ 21.2568, 39.1810,
10.4231

■ 20.0661, 38.6120,
8.3414

■ 19.3791, 38.2853,
7.0671

■ 19.1132, 38.1588,
6.5798

Harmonies

Analogous

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



44.5377, 49.3293, 40.1991



42.3798, 49.3293, 44.8240



41.4317, 49.3293, 52.2313

Triad

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



42.3798, 49.3293, 44.8240



46.3664, 49.3293, 71.6781



52.2595, 49.3293, 47.1566

Complementary

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



42.3798, 49.3293, 44.8240



45.5111, 43.1496, 55.8013

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.



52.7992, 49.3293, 55.2188



42.3798, 49.3293, 44.8240



49.3155, 49.3293, 69.9554

Square

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



42.3798, 49.3293, 44.8240



43.6704, 49.3293, 68.1891



51.7009, 49.3293, 63.7017



50.2557, 49.3293, 41.4430

Rectangle

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



42.3798, 49.3293, 44.8240



41.5831, 49.3293, 57.9803



51.7009, 49.3293, 63.7017



52.6217, 49.3293, 49.6570

Sweetspot

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



42.3811, 49.3314, 44.8251



85.8305, 93.1269, 96.1266



47.9204, 52.1978, 44.5958



18.2212, 19.8863, 20.3159



92.9021, 97.7402, 106.4391



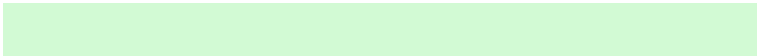
19.4759, 20.4902, 22.3138

Same Dimension

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



42.3811, 49.3314, 44.8251



72.5317, 86.7275, 74.8851



43.5946, 49.8168, 51.2150



9.9604, 11.2652, 10.7948



12.7190, 25.3817, 4.4134



0.5553, 1.0990, 0.2210

Inverse Universe

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



45.5111, 43.1496, 55.8013



79.4042, 73.1532, 98.9859



44.2008, 42.6255, 48.9014



10.4793, 10.2403, 12.6146



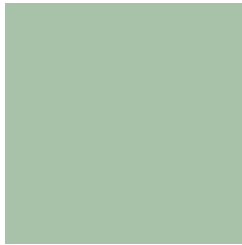
20.4786, 9.8812, 31.4963



0.8903, 0.4291, 1.3899

Previews

White Background



This preview shows how the XYZ color 42.3798, 49.3293, 44.8240 looks on a white background.

Color Contrast Check

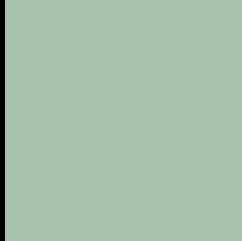
Large Text (above 18pt) WCAG AA × Fail

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 42.3798, 49.3293, 44.8240 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

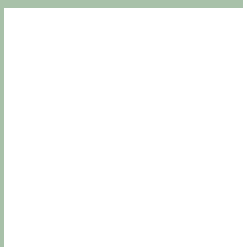
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.3798, 49.3293, 44.8240

Background



This preview shows how black text looks on a background with the XYZ color 42.3798, 49.3293, 44.8240.



This preview shows how white text looks on a background with the XYZ color 42.3798, 49.3293,

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

42.3798, 49.3293, 44.8240

Protanopia

46.5986, 49.3038, 42.6579

Deuteranopia

50.0621, 49.1764, 45.8832



Tritanopia

46.2183, 49.2769, 63.5753

Trichromacy



Original Color

42.3798, 49.3293, 44.8240

Protanomaly

45.0881, 49.4627, 43.2472

Deuteranomaly

46.9478, 49.1075, 45.5324

Tritanomaly

44.8307, 49.3592, 56.4547

Monochromacy



Original Color

42.3798, 49.3293, 44.8240

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

44.1663, 48.2200, 49.0991

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.3798, 49.3293, 44.8240 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(168, 193, 169)` looks like.

```
.text, #text, p{  
    color:rgb(168, 193, 169)  
}
```

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(168, 193, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 193, 169) }
```

Border

The CSS property to change the border of an element to XYZ 42.3798, 49.3293, 44.8240 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(168, 193, 169) }
```


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

```
.border{ border-color:rgb(168, 193, 169) }
```

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

Here you see how a box with a 4 pixel rgb(168, 193, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 193, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 193, 169);  
box-shadow:4px 4px 4px 4px rgb(168, 193,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 42.3798, 49.3293, 44.8240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 193, 169) }
```

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

```
.background{ background-color: rgb(168,  
193, 169) }
```

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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