

Converting Colors

XYZ(42.3199, 55.2425, 42.8905)

Have a look what the booklet for
XYZ(42.3199, 55.2425, 42.8905)
contains.

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Color

**XYZ(42.4200, 55.3168,
43.0918)**

Conversions

Conversions Part 1

Format	Color
Hex	97D2A3
RGB	151, 210, 163
RGB Percent	59%, 82%, 64%
CMY	0.4078, 0.1765, 0.3608
CMYK	0.28, 0.00, 0.22, 0.18
HSL	132°, 40%, 71%
HSV	132°, 28%, 82%
XYZ	42.4200, 55.3168, 43.0918
YIQ	187.0010, -20.0770, -27.1250

Conversions

Conversions Part 2

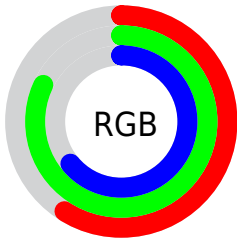
Format	Color
RYB	151, 200, 210
Decimal	9949859
CIELab	79.22, -28.34, 17.34
CIELCh	79, 33.226, 148.543
Yxy	55.3168, 0.3012, 0.3928
Android (android.graphics.Color)	4288139939 (0xFF97D2A3)
YUV	187.0010, -11.8325, -31.5729
Hunter-Lab	74.3753, -28.3491, 17.7110

Details

The XYZ color **42.4200, 55.3168, 43.0918** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **47.8399, 39.9134, 58.6111**, and the grayscale version is **47.3086, 49.7724, 54.2021**.

A 20% lighter version of the original color is **73.8685, 89.7038, 79.7509**, and **19.6276, 27.1871, 19.2521** is the 20% darker color. If you saturate the color by 10%, you get **37.4633, 52.9250, 35.5465**, and if you desaturate by 10%, it is **48.2722, 58.1505, 51.7165**.

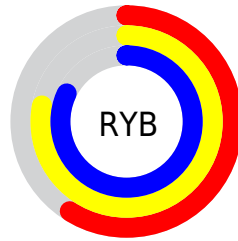
Distribution



Red (59%)

Green (82%)

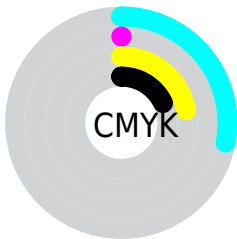
Blue (64%)



Red (59%)

Yellow (78%)

Blue (82%)

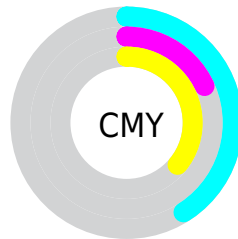


Cyan (28%)

Magenta (0%)

Yellow (22%)

Black (18%)



Cyan (41%)

Magenta (18%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.4200, 55.3168, 43.0918 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 42.4200, 55.3168, 43.0918 by changing the saturation by 10% instead.

■ 42.4200, 55.3168,
43.0918

■ 42.4200, 55.3168,
43.0918

347.1831,
407.1117, 374.9215

■ 29.6228, 39.6554,
29.6252

■ 78.0961, 98.0050,
81.1372

■ 19.6991, 27.2700,
19.3047

■ 101.7057,
125.8005, 106.5531

■ 12.2835, 17.7761,
11.7116

129.6502,
158.4096, 136.7892

■ 7.0107, 10.7894,
6.4275

162.2949,
196.2166, 172.2641

■ 3.5152, 5.9254,
3.0337

200.0052,
239.6059, 213.3961

■ 1.4317, 2.7998,
1.1119

243.1464,

■ 0.2786, 1.0281,

288.9620, 260.6041

0.0000

292.0840,
344.6691, 314.3063

■ 0.0000, 0.0000,
0.0000

■ 42.4200, 55.3168,
43.0918

■ 42.4200, 55.3168,
43.0918

■ 37.4633, 52.9250,
35.5465

■ 48.2722, 58.1505,
51.7165

■ 33.3531, 50.9460,
29.0344

■ 55.0569, 61.4396,
61.4570

■ 30.0423, 49.3580,
23.5116

■ 62.8144, 65.2056,
72.3524

■ 27.4776, 48.1346,
18.9295

■ 71.5813, 69.4666,
84.4389

■ 25.5986, 47.2458,
15.2353

■ 81.0219, 74.0489,
97.7339

■ 24.3353, 46.6566,
12.3711

■ 82.3376, 74.5752,
104.6625

■ 23.5888, 46.3175,
10.2710

■ 23.4784, 46.2675,
9.9509

Harmonies

Analogous

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



46.7090, 55.3168, 33.4798



42.4200, 55.3168, 43.0918



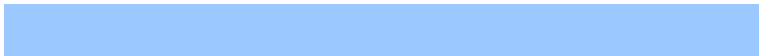
40.8178, 55.3168, 59.3054

Triad

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



42.4200, 55.3168, 43.0918



52.2529, 55.3168, 104.6806



64.6100, 55.3168, 44.3932

Complementary

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



42.4200, 55.3168, 43.0918



47.8399, 39.9134, 58.6111

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.



66.4019, 55.3168, 61.1654



42.4200, 55.3168, 43.0918



58.9168, 55.3168, 98.4030

Square

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



42.4200, 55.3168, 43.0918



46.1912, 55.3168, 97.1186



64.2381, 55.3168, 81.4002



59.5257, 55.3168, 34.1125

Rectangle

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



42.4200, 55.3168, 43.0918



41.3768, 55.3168, 72.6239



64.2381, 55.3168, 81.4002



65.6353, 55.3168, 49.3341

Sweetspot

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



42.4215, 55.3191, 43.0930



85.4319, 95.3313, 95.3651



51.9761, 60.3631, 38.1907



17.9226, 20.2286, 19.8955



0.0000, 0.0000, 0.0000



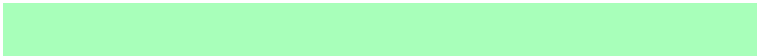
20.3446, 21.4041, 23.3091

Same Dimension

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



42.4215, 55.3191, 43.0930



60.8282, 83.4201, 59.3129



45.3585, 56.4939, 58.5594



11.7532, 13.2450, 13.0569



14.3501, 28.2330, 6.2240



0.8315, 1.5903, 0.5014

Inverse Universe

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



47.8399, 39.9134, 58.6111



70.6378, 55.5120, 87.3938



44.7799, 38.6894, 42.4975



12.2035, 11.9661, 14.3473



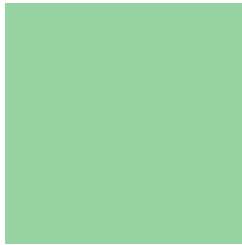
20.5204, 10.0810, 23.4443



1.1741, 0.5743, 1.4515

Previews

White Background



This preview shows how the XYZ color 42.4200, 55.3168, 43.0918 looks on a white background.

Color Contrast Check

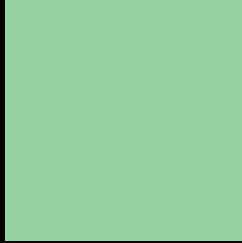
Large Text (above 18pt) WCAG AA × Fail

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 42.4200, 55.3168, 43.0918 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 42.4200, 55.3168, 43.0918

Background



This preview shows how black text looks on a background with the XYZ color 42.4200, 55.3168, 43.0918.



This preview shows how white text looks on a background with the XYZ color 42.4200, 55.3168,

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

42.4200, 55.3168, 43.0918

Protanopia

51.5283, 54.8404, 39.3219

Deuteranopia

55.7916, 54.6409, 44.6520



Tritanopia

48.8401, 55.4034, 75.1376

Trichromacy



Original Color

42.4200, 55.3168, 43.0918

Protanomaly

47.4058, 54.3766, 40.7981

Deuteranomaly

49.6488, 54.1033, 43.9026

Tritanomaly

46.2847, 55.4342, 62.2932

Monochromacy



Original Color

42.4200, 55.3168, 43.0918

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

45.0065, 51.2432, 49.6383

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.4200, 55.3168, 43.0918 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(151, 210, 163)` looks like.

```
.text, #text, p{  
    color:rgb(151, 210, 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(151, 210, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 210, 163) }
```

Border

The CSS property to change the border of an element to XYZ 42.4200, 55.3168, 43.0918 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(151, 210, 163) }
```


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

```
.border{ border-color:rgb(151, 210, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 210, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 210, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 210, 163);  
box-shadow:4px 4px 4px 4px rgb(151, 210,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 42.4200, 55.3168, 43.0918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 210, 163) }
```

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

```
.background{ background-color: rgb(151,  
210, 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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