

Converting Colors

XYZ(42.5099, 55.3528, 43.5656)

Have a look what the booklet for
XYZ(42.5099, 55.3528, 43.5656)
contains.

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Color

**XYZ(42.5099, 55.3528,
43.5656)**

Conversions

Conversions Part 1

Format	Color
Hex	97D2A4
RGB	151, 210, 164
RGB Percent	59%, 82%, 64%
CMY	0.4078, 0.1765, 0.3569
CMYK	0.28, 0.00, 0.22, 0.18
HSL	133°, 40%, 71%
HSV	133°, 28%, 82%
XYZ	42.5099, 55.3528, 43.5656
YIQ	187.1150, -20.3980, -26.8140

Conversions

Conversions Part 2

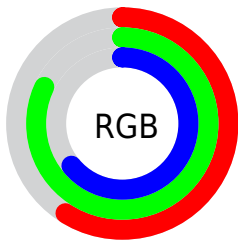
Format	Color
RYB	151, 199, 210
Decimal	9949860
CIELab	79.24, -28.16, 16.84
CIElCh	79, 32.812, 149.124
Yxy	55.3528, 0.3006, 0.3914
Android (android.graphics.Color)	4288139940 (0xFF97D2A4)
YUV	187.1150, -11.3957, -31.6729
Hunter-Lab	74.3995, -28.2088, 17.3616

Details

The XYZ color **42.5099, 55.3528, 43.5656** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **47.7248, 39.8673, 58.0053**, and the grayscale version is **47.3707, 49.8376, 54.2732**.

A 20% lighter version of the original color is **73.9998, 89.7563, 80.4423**, and **19.6830, 27.2092, 19.5437** is the 20% darker color. If you saturate the color by 10%, you get **37.5696, 52.9676, 36.1067**, and if you desaturate by 10%, it is **48.3378, 58.1767, 52.0622**.

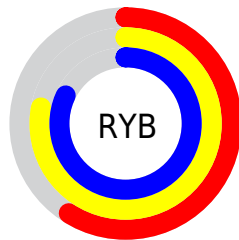
Distribution



Red (59%)

Green (82%)

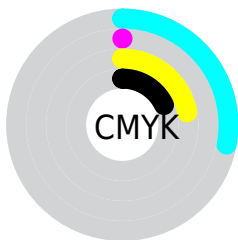
Blue (64%)



Red (59%)

Yellow (78%)

Blue (82%)

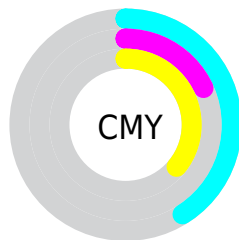


Cyan (28%)

Magenta (0%)

Yellow (22%)

Black (18%)



Cyan (41%)


Magenta (18%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.5099, 55.3528, 43.5656 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 42.5099, 55.3528, 43.5656 by changing the saturation by 10% instead.


 42.5099, 55.3528,
43.5656


 42.5099, 55.3528,
43.5656


347.5481,
407.2479, 376.9220

 29.6936, 39.6843,
29.9945


 78.2311, 98.0577,
81.8592

 19.7531, 27.2924,
19.5824

 101.8667,
125.8628, 107.4187

 12.3229, 17.7930,
11.9108

129.8395,
158.4822, 137.8114

 7.0377, 10.8015,
6.5611

162.5148,
196.3004, 173.4559

 3.5323, 5.9335,
3.1149

200.2579,
239.7016, 214.7706

 1.4411, 2.8047,
1.1536

243.4343,

 0.2852, 1.0306,

289.0703, 262.1742

0.0000

292.4092,
344.7910, 316.0851

■ 0.0000, 0.0000,
0.0000

■ 42.5099, 55.3528,
43.5656

■ 42.5099, 55.3528,
43.5656

■ 37.5696, 52.9676,
36.1067

■ 48.3378, 58.1767,
52.0622

■ 33.4684, 50.9922,
29.6421

■ 55.0897, 61.4527,
61.6303

■ 30.1599, 49.4051,
24.1306

■ 62.8056, 65.2021,
72.3068

■ 27.5911, 48.1801,
19.5271

■ 71.5216, 69.4428,
84.1257

■ 25.7025, 47.2874,
15.7824

■ 80.9019, 74.0010,
97.1023

■ 24.4249, 46.6925,
12.8428

■ 82.3376, 74.5753,
104.6625

■ 23.6603, 46.3461,
10.6476

■ 23.5462, 46.2947,
10.3077

Harmonies

Analogous

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



46.7073, 55.3528, 33.8978



42.5099, 55.3528, 43.5656



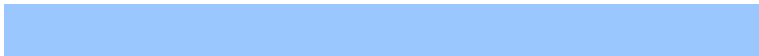
40.9790, 55.3528, 59.7189

Triad

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



42.5099, 55.3528, 43.5656



52.4185, 55.3528, 104.0912



64.4184, 55.3528, 44.3410

Complementary

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



42.5099, 55.3528, 43.5656



47.7248, 39.8673, 58.0053

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.



66.2594, 55.3528, 60.8240



42.5099, 55.3528, 43.5656



58.9927, 55.3528, 97.6594

Square

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



42.5099, 55.3528, 43.5656



46.3993, 55.3528, 96.8991



64.1979, 55.3528, 80.7763



59.3541, 55.3528, 34.2757

Rectangle

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



42.5099, 55.3528, 43.5656



41.5699, 55.3528, 72.8972



64.1979, 55.3528, 80.7763



65.4525, 55.3528, 49.1919

Sweetspot

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



42.5114, 55.3551, 43.5668



85.4830, 95.3518, 95.6342



51.7173, 60.2298, 38.1784



17.9354, 20.2337, 19.9627



0.0000, 0.0000, 0.0000



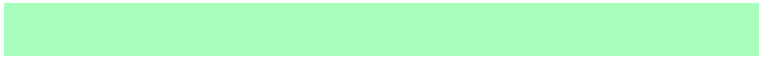
20.3446, 21.4041, 23.3091

Same Dimension

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



42.5114, 55.3551, 43.5668



60.9853, 83.4830, 60.1399



45.4680, 56.5378, 59.1364



11.7614, 13.2483, 13.1001



14.3933, 28.2503, 6.4513



0.8353, 1.5918, 0.5214

Inverse Universe

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



47.7248, 39.8673, 58.0053



70.4234, 55.4263, 86.2649



44.6881, 38.6526, 42.0139



12.1946, 11.9626, 14.3008



20.3239, 10.0024, 22.4095



1.1646, 0.5706, 1.4018

Previews

White Background



This preview shows how the XYZ color 42.5099, 55.3528, 43.5656 looks on a white background.

Color Contrast Check

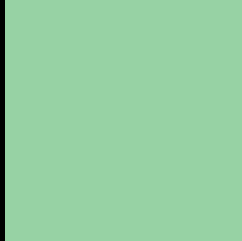
Large Text (above 18pt) WCAG AA × Fail

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 42.5099, 55.3528, 43.5656 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 42.5099, 55.3528, 43.5656

Background



This preview shows how black text looks on a background with the XYZ color 42.5099, 55.3528, 43.5656.



This preview shows how white text looks on a background with the XYZ color 42.5099, 55.3528,

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

42.5099, 55.3528, 43.5656

Protanopia

51.6133, 54.8744, 39.7698

Deuteranopia

55.8851, 54.6783, 45.1446



Tritanopia

48.8401, 55.4034, 75.1376

Trichromacy



Original Color

42.5099, 55.3528, 43.5656

Protanomaly

47.4930, 54.4114, 41.2570

Deuteranomaly

49.7409, 54.1402, 44.3877

Tritanomaly

46.2847, 55.4342, 62.2932

Monochromacy



Original Color

42.5099, 55.3528, 43.5656

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

45.1073, 51.2836, 50.1691

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.5099, 55.3528, 43.5656 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, 164)` looks like.

```
.text, #text, p{  
    color:rgb(151, 210, 164)  
}
```

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, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 210, 164) }
```

Border

The CSS property to change the border of an element to XYZ 42.5099, 55.3528, 43.5656 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, 164) }
```


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

```
.border{ border-color:rgb(151, 210, 164) }
```

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, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 210, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 210, 164);  
box-shadow:4px 4px 4px 4px rgb(151, 210,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 42.5099, 55.3528, 43.5656 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, 164) }
```

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

```
.background{ background-color: rgb(151,  
210, 164) }
```

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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