

Converting Colors

XYZ(42.6476, 54.0163, 50.6177)

Have a look what the booklet for
XYZ(42.6476, 54.0163, 50.6177)
contains.

XYZ(42.8439, 54.2699, 50.8648)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(42.8439, 54.2699,
50.8648)**

Conversions

Conversions Part 1

Format	Color
Hex	95CFB3
RGB	149, 207, 179
RGB Percent	58%, 81%, 70%
CMY	0.4157, 0.1882, 0.2980
CMYK	0.28, 0.00, 0.14, 0.19
HSL	151°, 38%, 70%
HSV	151°, 28%, 81%
XYZ	42.8439, 54.2699, 50.8648
YIQ	186.4660, -25.5800, -21.0040

Conversions

Conversions Part 2

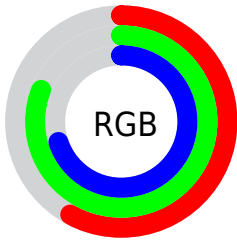
Format	Color
RYB	149, 187, 207
Decimal	9818035
CIELab	78.62, -24.47, 7.95
CIELCh	79, 25.728, 161.998
Yxy	54.2699, 0.2895, 0.3667
Android (android.graphics.Color)	4288008115 (0xFF95CFB3)
YUV	186.4660, -3.6807, -32.8577
Hunter-Lab	73.6681, -25.1072, 10.6304

Details

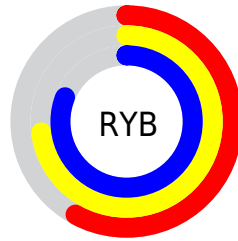
The XYZ color **42.8439, 54.2699, 50.8648** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **44.4172, 37.9359, 46.5785**, and the grayscale version is **46.9650, 49.4109, 53.8084**.

A 20% lighter version of the original color is **75.6572, 90.3555, 92.0501**, and **19.8180, 26.4496, 23.7994** is the 20% darker color. If you saturate the color by 10%, you get **38.4235, 52.1051, 45.5721**, and if you desaturate by 10%, it is **48.0119, 56.8145, 56.5773**.

Distribution



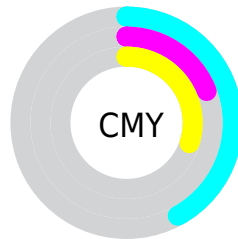
- Red (58%)
- Green (81%)
- Blue (70%)



- Red (58%)
- Yellow (73%)
- Blue (81%)



- Cyan (28%)
- Magenta (0%)
- Yellow (14%)
- Black (19%)





- Cyan (42%)
- Magenta (19%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.8439, 54.2699, 50.8648 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 42.8439, 54.2699, 50.8648 by changing the saturation by 10% instead.


 42.8439, 54.2699,
50.8648


 42.8439, 54.2699,
50.8648


348.9018,
403.1384, 406.8698

 29.9566, 38.8175,
35.7250


 78.7324, 96.4704,
92.8643

 19.9536, 26.6178,
23.9339


 102.4644,
123.9873, 120.5612

 12.4694, 17.2864,
15.0729


130.5420,
156.2945, 153.2809

 7.1387, 10.4389,
8.7233

163.3306,
193.7763, 191.4419

 3.5961, 5.6909,
4.4668

201.1955,
236.8173, 235.4627

 1.4763, 2.6581,
1.8848

244.5021,

 0.3096, 0.9559,

285.8016, 285.7619

0.4830

293.6158,
341.1139, 342.7581

■ 0.0000, 0.0000,
0.0000

■ 42.8439, 54.2699,
50.8648

■ 42.8439, 54.2699,
50.8648

■ 38.4235, 52.1051,
45.5721

■ 48.0119, 56.8145,
56.5773

■ 34.7090, 50.2946,
40.6857

■ 53.9573, 59.7498,
62.7152

■ 31.6614, 48.8197,
36.1966

■ 60.7138, 63.0944,
69.2890

■ 29.2362, 47.6578,
32.0941

■ 68.3118, 66.8638,
76.3074

■ 27.3828, 46.7828,
28.3670

■ 76.7801, 71.0728,
83.7789

■ 26.0419, 46.1647,
25.0031

■ 79.1286, 72.1176,
91.3833

■ 25.1279, 45.7592,
21.9887

■ 80.6462, 72.7246,
99.3751

■ 24.9712, 45.6906,
21.4312

■ 81.6039, 73.1077,
104.4180

Harmonies

Analogous

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



45.3221, 54.2699, 40.6539



42.8439, 54.2699, 50.8648



42.6105, 54.2699, 65.0948

Triad

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



42.8439, 54.2699, 50.8648



53.6379, 54.2699, 90.8723



59.1820, 54.2699, 42.2891

Complementary

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



42.8439, 54.2699, 50.8648



44.4172, 37.9359, 46.5785

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.



61.7317, 54.2699, 53.4676



42.8439, 54.2699, 50.8648



58.3931, 54.2699, 82.3976

Square

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



42.8439, 54.2699, 50.8648



48.6234, 54.2699, 89.8662



61.4339, 54.2699, 68.1588



54.6580, 54.2699, 36.2909

Rectangle

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



42.8439, 54.2699, 50.8648



43.7383, 54.2699, 75.1771



61.4339, 54.2699, 68.1588



60.3113, 54.2699, 45.4802

Sweetspot

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



42.8454, 54.2721, 50.8660



86.3936, 95.7160, 100.4289



45.8785, 56.1490, 36.8542



18.1639, 20.3251, 21.1659



0.0000, 0.0000, 0.0000



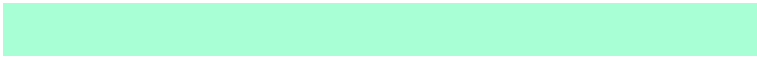
20.3446, 21.4041, 23.3091

Same Dimension

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



42.8454, 54.2721, 50.8660



64.0008, 84.6891, 76.0193



45.7381, 55.0556, 67.2503



11.9079, 13.3069, 13.8716



15.7803, 28.8051, 13.7553



0.9223, 1.6266, 0.9798

Inverse Universe

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



44.4172, 37.9359, 46.5785



66.9506, 54.0372, 67.9771



42.0595, 37.2385, 33.4054



12.0431, 11.9020, 13.5027



17.7071, 8.9557, 8.6296



1.0301, 0.5168, 0.6932

Previews

White Background



This preview shows how the XYZ color 42.8439, 54.2699, 50.8648 looks on a white background.

Color Contrast Check

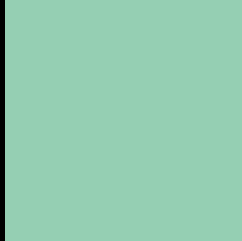
Large Text (above 18pt) WCAG AA × Fail

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 42.8439, 54.2699, 50.8648 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

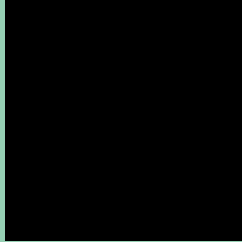
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.8439, 54.2699, 50.8648

Background



This preview shows how black text looks on a background with the XYZ color 42.8439, 54.2699, 50.8648.



This preview shows how white text looks on a background with the XYZ color 42.8439, 54.2699,

50.8648.

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

42.8439, 54.2699, 50.8648

Protanopia

50.8735, 53.6750, 46.7087

Deuteranopia

54.9328, 53.7113, 52.2718



Tritanopia

47.6800, 54.4711, 74.3306

Trichromacy



Original Color

42.8439, 54.2699, 50.8648

Protanomaly

47.4604, 53.5506, 48.3923

Deuteranomaly

49.4735, 53.1674, 51.9108

Tritanomaly

45.8184, 54.4154, 65.2151

Monochromacy



Original Color

42.8439, 54.2699, 50.8648

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

45.0726, 50.8867, 52.2463

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.8439, 54.2699, 50.8648 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(149, 207, 179)` looks like.

```
.text, #text, p{  
    color:rgb(149, 207, 179)  
}
```

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(149, 207, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 207, 179) }
```

Border

The CSS property to change the border of an element to XYZ 42.8439, 54.2699, 50.8648 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(149, 207, 179) }
```


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

```
.border{ border-color:rgb(149, 207, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 207, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 207, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 207, 179);  
box-shadow:4px 4px 4px 4px rgb(149, 207,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 42.8439, 54.2699, 50.8648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 207, 179) }
```

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

```
.background{ background-color: rgb(149,  
207, 179) }
```

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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