

Converting Colors

XYZ(44.4463, 55.9014, 49.0684)

Have a look what the booklet for
XYZ(44.4463, 55.9014, 49.0684)
contains.

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Color

**XYZ(44.4430, 55.8642,
48.9979)**

Conversions

Conversions Part 1

Format	Color
Hex	9DD1AF
RGB	157, 209, 175
RGB Percent	62%, 82%, 69%
CMY	0.3843, 0.1804, 0.3137
CMYK	0.25, 0.00, 0.16, 0.18
HSL	141°, 36%, 72%
HSV	141°, 25%, 82%
XYZ	44.4430, 55.8642, 48.9979
YIQ	189.5760, -20.0780, -21.5980

Conversions

Conversions Part 2

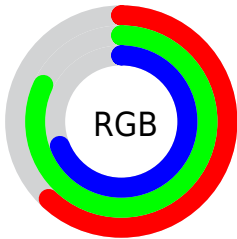
Format	Color
RYB	157, 196, 209
Decimal	10342831
CIELab	79.54, -23.71, 11.46
CIELCh	80, 26.334, 154.214
Yxy	55.8642, 0.2977, 0.3742
Android (android.graphics.Color)	4288532911 (0xFF9DD1AF)
YUV	189.5760, -7.1860, -28.5692
Hunter-Lab	74.7424, -24.6602, 13.4517

Details

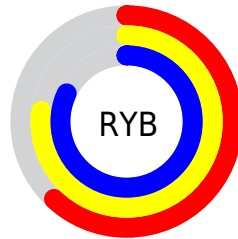
The XYZ color **44.4430, 55.8642, 48.9979** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **47.7574, 41.4323, 54.7729**, and the grayscale version is **48.7493, 51.2880, 55.8527**.

A 20% lighter version of the original color is **77.3352, 91.2866, 89.1454**, and **20.8397, 27.4843, 22.9455** is the 20% darker color. If you saturate the color by 10%, you get **39.4340, 53.4308, 42.1084**, and if you desaturate by 10%, it is **50.2885, 58.7162, 56.6381**.

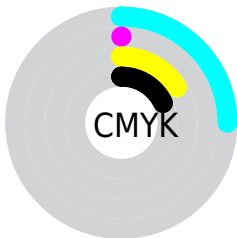
Distribution



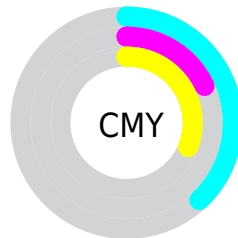
- Red (62%)
- Green (82%)
- Blue (69%)



- Red (62%)
- Yellow (77%)
- Blue (82%)



- Cyan (25%)
- Magenta (0%)
- Yellow (16%)
- Black (18%)





- Cyan (38%)
- Magenta (18%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.4430, 55.8642, 48.9979 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 44.4430, 55.8642, 48.9979 by changing the saturation by 10% instead.


 44.4430, 55.8642,
48.9979


 44.4430, 55.8642,
48.9979


355.3348,
409.1795, 399.3563

 31.2183, 40.0941,
34.2522


 81.1262, 98.8060,
90.0693

 20.9178, 27.6119,
22.8085


 105.3154,
126.7464, 117.2321

 13.1760, 18.0333,
14.2482


133.8901,
159.5124, 149.3710

 7.6277, 10.9739,
8.1528

167.2158,
197.4884, 186.9046

 3.9075, 6.0493,
4.1037

205.6578,
241.0587, 230.2514

 1.6499, 2.8751,
1.6824

249.5813,

 0.4246, 1.0669,

290.6077, 279.8299

0.3486

299.3519,
346.5198, 336.0587

■ 0.0000, 0.0000,
0.0000

■ 44.4430, 55.8642,
48.9979

■ 44.4430, 55.8642,
48.9979

■ 39.4340, 53.4308,
42.1084

■ 50.2885, 58.7162,
56.6381

■ 35.2174, 51.3892,
35.9430

■ 57.0026, 61.9983,
65.0471

■ 31.7518, 49.7200,
30.4790

■ 64.6216, 65.7303,
74.2469

■ 28.9903, 48.3995,
25.6910

■ 73.1780, 69.9285,
84.2578

■ 26.8801, 47.4011,
21.5520

■ 80.2694, 73.3542,
94.9852

■ 25.3608, 46.6942,
18.0334

■ 82.0915, 74.0831,
104.5805

■ 24.3593, 46.2416,
15.1037

■ 23.9825, 46.0754,
13.8193

Harmonies

Analogous

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



47.5730, 55.8642, 39.7506



44.4430, 55.8642, 48.9979



43.5723, 55.8642, 62.9956

Triad

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



44.4430, 55.8642, 48.9979



53.8493, 55.8642, 94.8068



61.9743, 55.8642, 45.8531

Complementary

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



44.4430, 55.8642, 48.9979



47.7574, 41.4323, 54.7729

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.



63.9180, 55.8642, 58.7080



44.4430, 55.8642, 48.9979



59.0334, 55.8642, 88.2816

Square

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



44.4430, 55.8642, 48.9979



48.7881, 55.8642, 91.0582



62.8078, 55.8642, 74.4205



57.6529, 55.8642, 38.1580

Rectangle

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



44.4430, 55.8642, 48.9979



44.3382, 55.8642, 73.5938



62.8078, 55.8642, 74.4205



62.9400, 55.8642, 49.6286

Sweetspot

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



44.4445, 55.8665, 48.9991



86.9625, 96.0413, 99.0088



50.5423, 59.2009, 40.6621



18.4714, 20.4873, 21.0156



0.0000, 0.0000, 0.0000



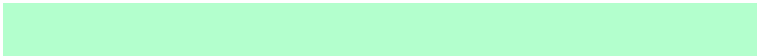
20.3446, 21.4041, 23.3091

Same Dimension

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



44.4445, 55.8665, 48.9991



65.2520, 85.4510, 70.7991



47.1713, 56.9572, 63.3581



11.8228, 13.2729, 13.4234



14.8283, 28.4243, 8.7419



0.8661, 1.6041, 0.6838

Inverse Universe

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



47.7574, 41.4323, 54.7729



71.3361, 58.9305, 81.3932



45.2056, 40.4115, 41.3349



12.1297, 11.9366, 13.9589



19.0293, 9.4846, 15.5926



1.1006, 0.5450, 1.0646

Previews

White Background



This preview shows how the XYZ color 44.4430, 55.8642, 48.9979 looks on a white background.

Color Contrast Check

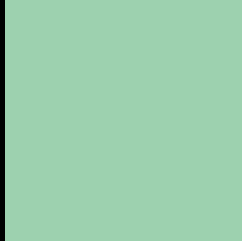
Large Text (above 18pt) WCAG AA × Fail

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 44.4430, 55.8642, 48.9979 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 44.4430, 55.8642, 48.9979

Background



This preview shows how black text looks on a background with the XYZ color 44.4430, 55.8642, 48.9979.



This preview shows how white text looks on a background with the XYZ color 44.4430, 55.8642,

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

44.4430, 55.8642, 48.9979

Protanopia

52.2614, 55.4288, 44.9901

Deuteranopia

56.4585, 55.1795, 50.3228



Tritanopia

49.6592, 55.8257, 75.1759

Trichromacy



Original Color

44.4430, 55.8642, 48.9979

Protanomaly

48.9764, 55.4049, 46.6410

Deuteranomaly

51.0645, 54.7000, 49.9862

Tritanomaly

47.5111, 55.6558, 64.7385

Monochromacy



Original Color

44.4430, 55.8642, 48.9979

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

47.0833, 52.9003, 53.6282

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.4430, 55.8642, 48.9979 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(157, 209, 175)` looks like.

```
.text, #text, p{  
    color:rgb(157, 209, 175)  
}
```

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(157, 209, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 209, 175) }
```

Border

The CSS property to change the border of an element to XYZ 44.4430, 55.8642, 48.9979 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(157, 209, 175) }
```


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

```
.border{ border-color:rgb(157, 209, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 209, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 209, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 209, 175);  
box-shadow:4px 4px 4px 4px rgb(157, 209,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 44.4430, 55.8642, 48.9979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 209, 175) }
```

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

```
.background{ background-color: rgb(157,  
209, 175) }
```

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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