

Converting Colors

XYZ(43.5638, 55.2611, 46.5108)

Have a look what the booklet for
XYZ(43.5638, 55.2611, 46.5108)
contains.

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Color

**XYZ(43.5219, 55.0819,
46.3682)**

Conversions

Conversions Part 1

Format	Color
Hex	9CD0AA
RGB	156, 208, 170
RGB Percent	61%, 82%, 67%
CMY	0.3882, 0.1843, 0.3333
CMYK	0.25, 0.00, 0.18, 0.18
HSL	136°, 36%, 71%
HSV	136°, 25%, 82%
XYZ	43.5219, 55.0819, 46.3682
YIQ	188.1200, -18.7940, -22.8420

Conversions

Conversions Part 2

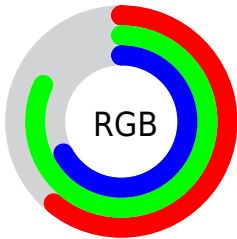
Format	Color
RYB	156, 197, 208
Decimal	10277034
CIELab	79.09, -24.48, 13.48
CIElCh	79, 27.944, 151.169
Yxy	55.0819, 0.3002, 0.3799
Android (android.graphics.Color)	4288467114 (0xFF9CD0AA)
YUV	188.1200, -8.9332, -28.1692
Hunter-Lab	74.2172, -25.2054, 14.9098

Details

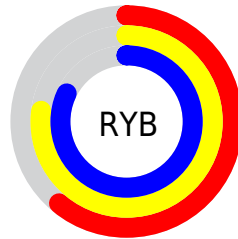
The XYZ color **43.5219, 55.0819, 46.3682** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **47.6404, 41.0833, 56.4604**, and the grayscale version is **47.9262, 50.4221, 54.9096**.

A 20% lighter version of the original color is **76.2146, 90.8051, 84.7444**, and **20.2548, 26.9740, 21.2785** is the 20% darker color. If you saturate the color by 10%, you get **38.4807, 52.6413, 39.0555**, and if you desaturate by 10%, it is **49.4217, 57.9490, 54.5914**.

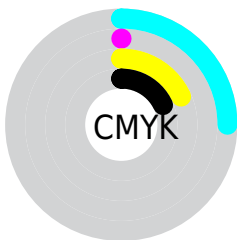
Distribution



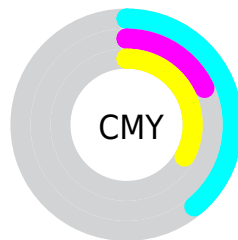
- Red (61%)
- Green (82%)
- Blue (67%)



- Red (61%)
- Yellow (77%)
- Blue (82%)



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





- Cyan (39%)
- Magenta (18%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.5219, 55.0819, 46.3682 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 43.5219, 55.0819, 46.3682 by changing the saturation by 10% instead.


 43.5219, 55.0819,
46.3682


 43.5219, 55.0819,
46.3682


351.6389,
406.2223, 388.6075

 30.4911, 39.4673,
32.1857


 79.7486, 97.6609,
86.1099

 20.3616, 27.1234,
21.2374


 103.6753,
125.3942, 112.5061

 12.7679, 17.6660,
13.1047


131.9647,
157.9357, 143.8107

 7.3448, 10.7104,
7.3691

164.9820,
195.6700, 180.4421

 3.7269, 5.8725,
3.6121

203.0928,
238.9814, 222.8190

 1.5488, 2.7677,
1.4150

246.6623,

 0.3587, 1.0117,

288.2543, 271.3598

0.1534

296.0559,
343.8732, 326.4831

■ 0.0000, 0.0000,
0.0000

■ 43.5219, 55.0819,
46.3682

■ 43.5219, 55.0819,
46.3682

■ 38.4807, 52.6413,
39.0555

■ 49.4217, 57.9490,
54.5914

■ 34.2528, 50.5998,
32.6182

■ 56.2135, 61.2546,
63.7513

■ 30.7956, 48.9378,
27.0245

■ 63.9345, 65.0188,
73.8775

■ 28.0605, 47.6309,
22.2390

■ 72.6184, 69.2584,
84.9971

■ 25.9934, 46.6520,
18.2241

■ 80.4322, 73.0279,
97.0491

■ 24.5319, 45.9698,
14.9387

■ 81.8469, 73.5938,
104.4990

■ 23.6011, 45.5465,
12.3381

■ 23.2706, 45.3993,
11.2776

Harmonies

Analogous

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



47.0048, 55.0819, 37.3751



43.5219, 55.0819, 46.3682



42.3608, 55.0819, 60.6026

Triad

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



43.5219, 55.0819, 46.3682



52.5724, 55.0819, 96.1581



62.0611, 55.0819, 45.4614

Complementary

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



43.5219, 55.0819, 46.3682



47.6404, 41.0833, 56.4604

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.



63.8061, 55.0819, 59.3514



43.5219, 55.0819, 46.3682



58.0938, 55.0819, 90.2286

Square

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



43.5219, 55.0819, 46.3682



47.3578, 55.0819, 91.0525



62.3061, 55.0819, 76.0126



57.6892, 55.0819, 36.9205

Rectangle

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



43.5219, 55.0819, 46.3682



42.9894, 55.0819, 71.7452



62.3061, 55.0819, 76.0126



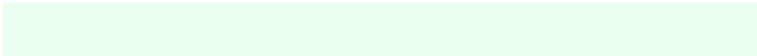
62.9877, 55.0819, 49.5678

Sweetspot

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



43.5234, 55.0842, 46.3694



85.6309, 95.4109, 96.4127



50.8411, 59.0016, 40.1621



17.9724, 20.2485, 20.1576



0.0000, 0.0000, 0.0000



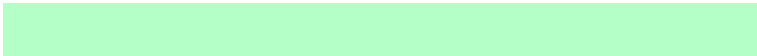
20.3446, 21.4041, 23.3091

Same Dimension

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



43.5234, 55.0842, 46.3694



64.5549, 85.1722, 67.1282



46.2166, 56.1615, 60.5515



11.7852, 13.2578, 13.2251



14.5377, 28.3080, 7.2117



0.8464, 1.5962, 0.5796

Inverse Universe

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



47.6404, 41.0833, 56.4604



72.1696, 59.2639, 85.7826



44.9829, 40.0202, 42.4659



12.1693, 11.9525, 14.1673



19.7870, 9.7876, 19.5822



1.1385, 0.5601, 1.2641

Previews

White Background



This preview shows how the XYZ color 43.5219, 55.0819, 46.3682 looks on a white background.

Color Contrast Check

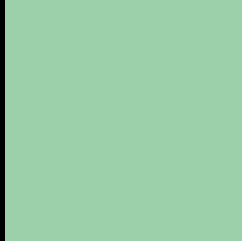
Large Text (above 18pt) WCAG AA × Fail

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 43.5219, 55.0819, 46.3682 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

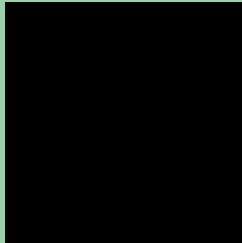
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.5219, 55.0819, 46.3682

Background



This preview shows how black text looks on a background with the XYZ color 43.5219, 55.0819, 46.3682.



This preview shows how white text looks on a background with the XYZ color 43.5219, 55.0819,

46.3682.

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

43.5219, 55.0819, 46.3682

Protanopia

51.5796, 54.7964, 42.5086

Deuteranopia

55.7474, 54.5520, 47.6358



Tritanopia

49.0586, 54.8346, 74.3281

Trichromacy



Original Color

43.5219, 55.0819, 46.3682

Protanomaly

48.2762, 54.7531, 44.1004

Deuteranomaly

50.3466, 54.0531, 47.3149

Tritanomaly

47.0358, 55.0842, 63.4116

Monochromacy



Original Color

43.5219, 55.0819, 46.3682

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

45.7601, 51.5965, 51.2634

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5219, 55.0819, 46.3682 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(156, 208, 170)` looks like.

```
.text, #text, p{  
    color:rgb(156, 208, 170)  
}
```

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(156, 208, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 208, 170) }
```

Border

The CSS property to change the border of an element to XYZ 43.5219, 55.0819, 46.3682 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(156, 208, 170) }
```


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

```
.border{ border-color:rgb(156, 208, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 208, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 208, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 208, 170);  
box-shadow:4px 4px 4px 4px rgb(156, 208,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5219, 55.0819, 46.3682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 208, 170) }
```

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

```
.background{ background-color: rgb(156,  
208, 170) }
```

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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