

Converting Colors

XYZ(43.8454, 48.5268, 49.3762)

Have a look what the booklet for
XYZ(43.8454, 48.5268, 49.3762)
contains.

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Color

**XYZ(43.9127, 48.7235,
49.2096)**

Conversions

Conversions Part 1

Format	Color
Hex	AFBDB2
RGB	175, 189, 178
RGB Percent	69%, 74%, 70%
CMY	0.3137, 0.2588, 0.3020
CMYK	0.07, 0.00, 0.06, 0.26
HSL	133°, 10%, 71%
HSV	133°, 7%, 74%
XYZ	43.9127, 48.7235, 49.2096
YIQ	183.5600, -4.8130, -6.3890

Conversions

Conversions Part 2

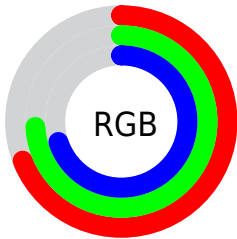
Format	Color
RYB	175, 187, 189
Decimal	11517362
CIELab	75.28, -6.91, 3.89
CIELCh	75, 7.932, 150.594
Yxy	48.7235, 0.3096, 0.3435
Android (android.graphics.Color)	4289707442 (0xFFAFBDB2)
YUV	183.5600, -2.7411, -7.5071
Hunter-Lab	69.8022, -9.8592, 7.0629

Details

The XYZ color **43.9127, 48.7235, 49.2096** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.1810, 45.0252, 52.7662**, and the grayscale version is **45.3350, 47.6960, 51.9409**.

A 20% lighter version of the original color is **80.4587, 88.2343, 90.6322**, and **20.6742, 23.2999, 22.8097** is the 20% darker color. If you saturate the color by 10%, you get **38.5527, 46.1248, 41.5919**, and if you desaturate by 10%, it is **50.0307, 51.6971, 57.7075**.

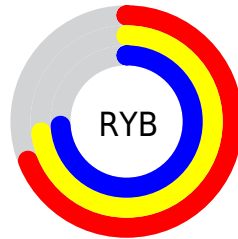
Distribution



Red (69%)

Green (74%)

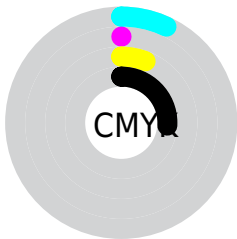
Blue (70%)



Red (69%)

Yellow (73%)

Blue (74%)

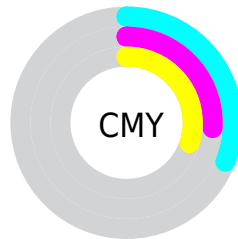


Cyan (7%)

Magenta (0%)

Yellow (6%)

Black (26%)



Cyan (31%)

Magenta (26%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.9127, 48.7235, 49.2096 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 43.9127, 48.7235, 49.2096 by changing the saturation by 10% instead.

■ 43.9127, 48.7235,
49.2096

■ 43.9127, 48.7235,
49.2096

353.2101,
381.6528, 400.2130

■ 30.7995, 34.4002,
34.4190

■ 80.3335, 88.2807,
90.3869

■ 20.5973, 23.2012,
22.9357

104.3719,
114.2833, 117.6107

■ 12.9407, 14.7421,
14.3412

132.7826,
144.9478, 149.8159

■ 7.4645, 8.6386,
8.2169

165.9311,
180.6586, 187.4211

■ 3.8031, 4.5062,
4.1443

204.1828,
221.8002, 230.8449

■ 1.5914, 1.9606,
1.7048

247.9030,

■ 0.3868, 0.5844,

268.7568, 280.5058

0.3640

297.4569,
321.9128, 336.8224

■ 0.0000, 0.0000,
0.0000

■ 43.9127, 48.7235,
49.2096

■ 43.9127, 48.7235,
49.2096

■ 38.5527, 46.1248,
41.5919

■ 50.0307, 51.6971,
57.7075

■ 33.9170, 43.8800,
34.8233

■ 56.9305, 55.0531,
67.1094

■ 29.9752, 41.9755,
28.8750

■ 64.6402, 58.8069,
77.4419

■ 26.6935, 40.3945,
23.7160

■ 73.1849, 62.9708,
88.7297

■ 24.0349, 39.1186,
19.3128

■ 77.0501, 64.7017,
100.7372

■ 21.9588, 38.1277,
15.6299

■ 77.4885, 64.8770,
103.0462

■ 20.4197, 37.3991,
12.6287

■ 19.3648, 36.9065,
10.2668

■ 18.7209, 36.6131,
8.4969

Harmonies

Analogous

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



44.8992, 48.7235, 46.4417



43.9127, 48.7235, 49.2096



43.5655, 48.7235, 53.1348

Triad

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



43.9127, 48.7235, 49.2096



46.3393, 48.7235, 61.4841



48.7634, 48.7235, 49.0727

Complementary

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



43.9127, 48.7235, 49.2096



45.1810, 45.0252, 52.7662

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.



49.1679, 48.7235, 52.9685



43.9127, 48.7235, 49.2096



47.7505, 48.7235, 60.2607

Square

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



43.9127, 48.7235, 49.2096



44.9485, 48.7235, 60.3513



48.7935, 48.7235, 57.0886



47.6992, 48.7235, 46.3656

Rectangle

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



43.9127, 48.7235, 49.2096



43.7374, 48.7235, 55.9236



48.7935, 48.7235, 57.0886



48.9820, 48.7235, 50.2797

Sweetspot

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



43.9141, 48.7256, 49.2107



84.3647, 90.0404, 96.1153



46.2358, 49.9569, 47.7639



18.1670, 19.3748, 20.7035



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



43.9141, 48.7256, 49.2107



76.8845, 86.4081, 85.6529



44.6143, 49.0057, 52.8978



9.4902, 10.6822, 10.5649



12.5308, 24.6026, 5.5920



0.5155, 0.9736, 0.3490

Inverse Universe

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



45.1810, 45.0252, 52.7662



79.6522, 78.3240, 93.4202



44.4747, 44.7427, 49.0473



9.8401, 9.6603, 11.5467



17.7728, 8.7403, 19.8951



0.7184, 0.3513, 0.8965

Previews

White Background



This preview shows how the XYZ color 43.9127, 48.7235, 49.2096 looks on a white background.

Color Contrast Check

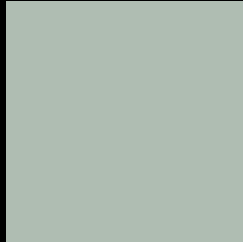
Large Text (above 18pt) WCAG AA × Fail

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 43.9127, 48.7235, 49.2096 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

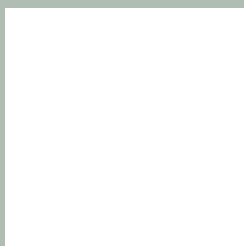
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.9127, 48.7235, 49.2096

Background



This preview shows how black text looks on a background with the XYZ color 43.9127, 48.7235, 49.2096.



This preview shows how white text looks on a background with the XYZ color 43.9127, 48.7235,

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

43.9127, 48.7235, 49.2096

Protanopia

46.3642, 48.4525, 47.4660

Deuteranopia

49.5352, 48.5146, 49.9335



Tritanopia

46.5746, 48.8716, 61.6220

Trichromacy



Original Color

43.9127, 48.7235, 49.2096

Protanomaly

45.4030, 48.5667, 48.0556

Deuteranomaly

47.3183, 48.5910, 49.5329

Tritanomaly

45.6448, 48.8114, 56.8850

Monochromacy



Original Color

43.9127, 48.7235, 49.2096

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

45.0585, 48.3190, 51.2076

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.9127, 48.7235, 49.2096 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(175, 189, 178) looks like.

```
.text, #text, p{  
    color:rgb(175, 189, 178)  
}
```

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(175, 189, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 189, 178) }
```

Border

The CSS property to change the border of an element to XYZ 43.9127, 48.7235, 49.2096 is called "border". The border property can be set on classes, ids or directly on the HTML element.

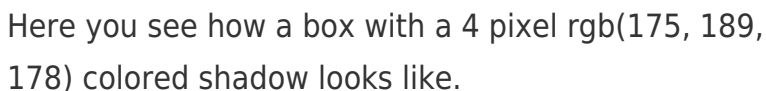
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 189, 178) }
```


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

```
.border{ border-color:rgb(175, 189, 178) }
```

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



Here you see how a box with a 4 pixel `rgb(175, 189, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 189, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 189, 178); box-shadow:4px 4px 4px 4px rgb(175, 189, 178) }
```

Background

The CSS property to change the background color of an element to XYZ 43.9127, 48.7235, 49.2096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 189, 178) }
```

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

```
.background{ background-color: rgb(175,  
189, 178) }
```

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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