

Converting Colors

XYZ(43.7142, 49.3522, 49.0735)

Have a look what the booklet for
XYZ(43.7142, 49.3522, 49.0735)
contains.

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Color

**XYZ(43.5799, 49.2066,
48.7959)**

Conversions

Conversions Part 1

Format	Color
Hex	ACBFB1
RGB	172, 191, 177
RGB Percent	67%, 75%, 69%
CMY	0.3255, 0.2510, 0.3059
CMYK	0.10, 0.00, 0.07, 0.25
HSL	136°, 13%, 71%
HSV	136°, 10%, 75%
XYZ	43.5799, 49.2066, 48.7959
YIQ	183.7230, -6.8300, -8.3820

Conversions

Conversions Part 2

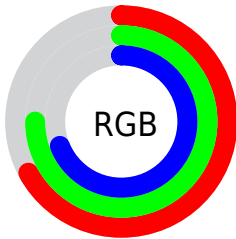
Format	Color
RYB	172, 187, 191
Decimal	11321265
CIELab	75.58, -9.19, 4.84
CIELCh	76, 10.385, 152.192
Yxy	49.2066, 0.3078, 0.3475
Android (android.graphics.Color)	4289511345 (0xFFACBFB1)
YUV	183.7230, -3.3144, -10.2811
Hunter-Lab	70.1474, -11.8628, 7.8599

Details

The XYZ color **43.5799, 49.2066, 48.7959** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.1031, 44.1279, 52.5971**, and the grayscale version is **45.4287, 47.7945, 52.0482**.

A 20% lighter version of the original color is **79.6473, 88.7356, 90.0206**, and **20.4723, 23.6253, 22.5499** is the 20% darker color. If you saturate the color by 10%, you get **38.3542, 46.6679, 41.6022**, and if you desaturate by 10%, it is **49.5556, 52.1180, 56.7821**.

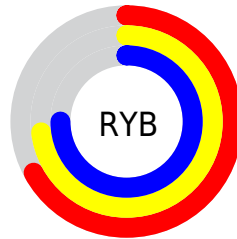
Distribution



Red (67%)

Green (75%)

Blue (69%)



Red (67%)

Yellow (73%)

Blue (75%)

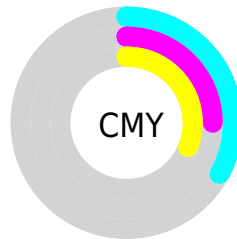


Cyan (10%)

Magenta (0%)

Yellow (7%)

Black (25%)



Cyan (33%)

Magenta (25%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.5799, 49.2066, 48.7959 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 43.5799, 49.2066, 48.7959 by changing the saturation by 10% instead.

■ 43.5799, 49.2066,
48.7959

■ 43.5799, 49.2066,
48.7959

351.8724,
383.5551, 398.5376

■ 30.5369, 34.7834,
34.0931

■ 79.8355, 88.9982,
89.7661

■ 20.3965, 23.4961,
22.6872

103.7788,
115.1354, 116.8706

■ 12.7935, 14.9602,
14.1596

132.0862,
145.9461, 148.9461

■ 7.3626, 8.7915,
8.0917

165.1230,
181.8146, 186.4112

■ 3.7382, 4.6054,
4.0651

203.2547,
223.1254, 229.6843

■ 1.5551, 2.0177,
1.6611

246.8466,

■ 0.3629, 0.6177,

270.2628, 279.1841

0.3339

296.2641,
323.6112, 335.3290

0.0000, 0.0000,
0.0000

43.5799, 49.2066,
48.7959

43.5799, 49.2066,
48.7959

38.3542, 46.6679,
41.6022

49.5556, 52.1180,
56.7821

33.8445, 44.4807,
35.1737

56.3054, 55.4099,
65.5807

30.0201, 42.6310,
29.4859

63.8574, 59.0977,
75.2150

26.8466, 41.1018,
24.5122

72.2372, 63.1941,
85.7063

24.2864, 39.8742,
20.2240

76.7182, 65.2621,
96.8528

■ 22.2980, 38.9275,
16.5910

■ 77.9217, 65.7435,
103.1906

■ 20.8345, 38.2382,
13.5806

■ 19.8411, 37.7787,
11.1572

■ 19.2158, 37.4973,
9.2799

Harmonies

Analogous

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



44.8303, 49.2066, 45.1203



43.5799, 49.2066, 48.7959



43.1771, 49.2066, 53.9830

Triad

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



43.5799, 49.2066, 48.7959



46.9107, 49.2066, 64.8505



49.9631, 49.2066, 48.1407

Complementary

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



43.5799, 49.2066, 48.7959



45.1031, 44.1279, 52.5971

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.



50.5556, 49.2066, 53.1742



43.5799, 49.2066, 48.7959



48.7636, 49.2066, 63.0307

Square

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



43.5799, 49.2066, 48.7959



45.0685, 49.2066, 63.4825



50.1108, 49.2066, 58.6620



48.5125, 49.2066, 44.7606

Rectangle

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



43.5799, 49.2066, 48.7959



43.4343, 49.2066, 57.6705



50.1108, 49.2066, 58.6620



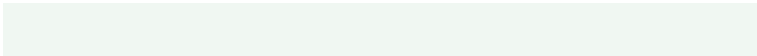
50.2710, 49.2066, 49.6831

Sweetspot

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



43.5813, 49.2087, 48.7970



85.2884, 91.6524, 97.1070



46.3896, 50.7130, 46.3740



18.5340, 20.0313, 21.0647



92.9021, 97.7402, 106.4391



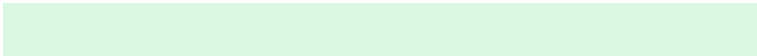
19.4759, 20.4902, 22.3138

Same Dimension

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



43.5813, 49.2087, 48.7970



75.8381, 87.0525, 84.3822



44.5352, 49.5903, 53.8205



9.5091, 10.6898, 10.6644



12.6547, 24.6522, 6.2445



0.5237, 0.9769, 0.3922

Inverse Universe

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



45.1031, 44.1279, 52.5971



79.1266, 76.0726, 92.5934



44.1509, 43.7470, 47.5826



9.8199, 9.6522, 11.4404



17.3018, 8.5519, 17.4149



0.7033, 0.3452, 0.8167

Previews

White Background



This preview shows how the XYZ color 43.5799, 49.2066, 48.7959 looks on a white background.

Color Contrast Check

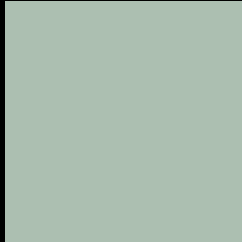
Large Text (above 18pt) WCAG AA × Fail

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 43.5799, 49.2066, 48.7959 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

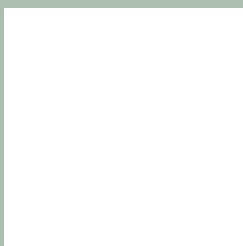
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.5799, 49.2066, 48.7959

Background



This preview shows how black text looks on a background with the XYZ color 43.5799, 49.2066, 48.7959.



This preview shows how white text looks on a background with the XYZ color 43.5799, 49.2066,

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

43.5799, 49.2066, 48.7959

Protanopia

46.7272, 48.9604, 47.0319

Deuteranopia

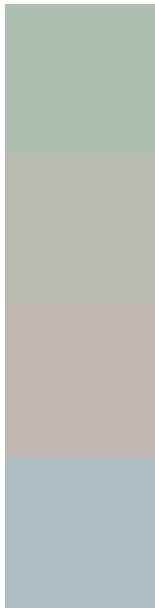
49.9115, 49.0190, 49.4788



Tritanopia

46.3355, 49.0350, 62.8997

Trichromacy



Original Color

43.5799, 49.2066, 48.7959

Protanomaly

45.5158, 48.9501, 47.6068

Deuteranomaly

47.4245, 48.9647, 49.0711

Tritanomaly

45.2881, 48.9307, 57.5097

Monochromacy



Original Color

43.5799, 49.2066, 48.7959

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

44.9332, 48.5801, 50.7247

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5799, 49.2066, 48.7959 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(172, 191, 177)` looks like.

```
.text, #text, p{  
    color:rgb(172, 191, 177)  
}
```

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(172, 191, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 191, 177) }
```

Border

The CSS property to change the border of an element to XYZ 43.5799, 49.2066, 48.7959 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(172, 191, 177) }
```


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

```
.border{ border-color:rgb(172, 191, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 191, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 191, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 191, 177);  
box-shadow:4px 4px 4px 4px rgb(172, 191,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5799, 49.2066, 48.7959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 191, 177) }
```

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

```
.background{ background-color: rgb(172,  
191, 177) }
```

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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