

Converting Colors

XYZ(43.6373, 42.4093, 49.4297)

Have a look what the booklet for
XYZ(43.6373, 42.4093, 49.4297)
contains.

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Color

**XYZ(43.5783, 42.2886,
49.5818)**

Conversions

Conversions Part 1

Format	Color
Hex	BEA8B5
RGB	190, 168, 181
RGB Percent	75%, 66%, 71%
CMY	0.2549, 0.3412, 0.2902
CMYK	0.00, 0.12, 0.05, 0.25
HSL	325°, 14%, 70%
HSV	325°, 12%, 75%
XYZ	43.5783, 42.2886, 49.5818
YIQ	176.0600, 8.9390, 8.7070

Conversions

Conversions Part 2

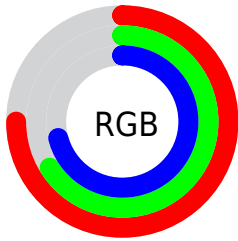
Format	Color
RYB	190, 168, 181
Decimal	12495029
CIELab	71.07, 10.25, -3.75
CIELCh	71, 10.915, 339.910
Yxy	42.2886, 0.3217, 0.3122
Android (android.graphics.Color)	4290685109 (0xFFBEA8B5)
YUV	176.0600, 2.4354, 12.2254
Hunter-Lab	65.0297, 5.8161, 0.3152

Details

The XYZ color **43.5783, 42.2886, 49.5818** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.4993, 48.3271, 48.6853**, and the grayscale version is **41.2835, 43.4335, 47.2991**.

A 20% lighter version of the original color is **79.6798, 78.4826, 91.0698**, and **20.4582, 19.3677, 23.0821** is the 20% darker color. If you saturate the color by 10%, you get **39.5484, 35.4695, 44.4125**, and if you desaturate by 10%, it is **48.1676, 50.1542, 55.1582**.

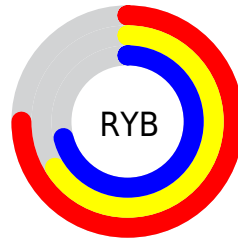
Distribution



Red (75%)

Green (66%)

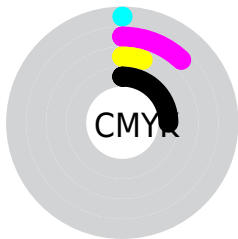
Blue (71%)



Red (75%)

Yellow (66%)

Blue (71%)

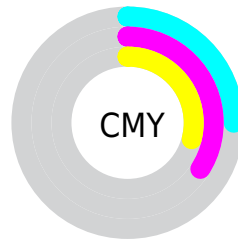


Cyan (0%)

Magenta (12%)

Yellow (5%)

Black (25%)



Cyan (25%)


Magenta (34%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.5783, 42.2886, 49.5818 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 43.5783, 42.2886, 49.5818 by changing the saturation by 10% instead.


 43.5783, 42.2886,
49.5818


 43.5783, 42.2886,
49.5818


351.8660,
355.6779, 401.7164

 30.5356, 29.3273,
34.7124


 79.8331, 78.6362,
90.9449

 20.3956, 19.3286,
23.1596


 103.7759,
102.7914, 118.2756

 12.7928, 11.9079,
14.5050

132.0828,
131.4466, 150.5971

 7.3621, 6.6810,
8.3300

165.1191,
164.9863, 188.3280

 3.7379, 3.2634,
4.2160

203.2503,
203.7949, 231.8869

 1.5549, 1.2708,
1.7446

246.8416,

 0.3628, 0.1184,

248.2568, 281.6922

0.3910

296.2583,
298.7563, 338.1625

■ 0.0000, 0.0000,
0.0000

■ 43.5783, 42.2886,
49.5818

■ 43.5783, 42.2886,
49.5818

■ 39.5484, 35.4695,
44.4125

■ 48.1676, 50.1542,
55.1582

■ 36.0516, 29.6469,
39.6365

■ 53.3343, 59.1027,
61.1496

■ 33.0644, 24.7747,
35.2428

■ 59.0998, 69.1754,
67.5671

■ 30.5604, 20.8013,
31.2189

■ 65.4834, 80.4099,
74.4204

■ 28.5107, 17.6699,
27.5513

■ 69.8965, 87.6277,
80.8499

■ 26.8829, 15.3172,
24.2253

■ 70.9496, 88.0489,
86.3955

■ 25.6403, 13.6711,
21.2245

■ 72.0512, 88.4896,
92.1967

■ 24.7392, 12.6453,
18.5302

■ 73.2020, 88.9499,
98.2565

■ 24.1747, 12.1230,
16.4720

■ 74.4025, 89.4301,
104.5783

Harmonies

Analogous

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



42.4862, 42.2886, 54.1865



43.5783, 42.2886, 49.5818



43.7485, 42.2886, 44.3381

Triad

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



43.5783, 42.2886, 49.5818



39.5935, 42.2886, 36.8433



37.5637, 42.2886, 52.7940

Complementary

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



43.5783, 42.2886, 49.5818



42.4993, 48.3271, 48.6853

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.



36.8375, 42.2886, 47.7953



43.5783, 42.2886, 49.5818



37.9858, 42.2886, 38.7630

Square

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



43.5783, 42.2886, 49.5818



41.4107, 42.2886, 37.2422



36.9897, 42.2886, 42.6807



39.0015, 42.2886, 56.1361

Rectangle

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



43.5783, 42.2886, 49.5818



43.3111, 42.2886, 41.2164



36.9897, 42.2886, 42.6807



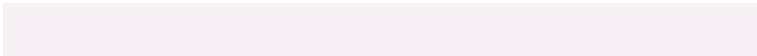
37.2303, 42.2886, 51.2369

Sweetspot

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



43.5795, 42.2904, 49.5827



85.9975, 88.6673, 98.4200



41.3845, 41.0487, 54.4577



18.7301, 19.2053, 21.4276



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.



43.5795, 42.2904, 49.5827



76.9394, 73.1797, 87.2970



42.5139, 41.8642, 43.9714



9.7603, 9.6284, 11.1266



16.1144, 8.0769, 11.1621



0.6629, 0.3291, 0.6043

Inverse Universe

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



43.5795, 42.2904, 49.5827



76.9394, 73.1797, 87.2970



43.6188, 48.7749, 54.5803



9.7603, 9.6284, 11.1266



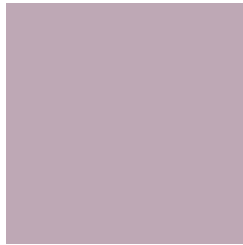
16.1144, 8.0769, 11.1621



0.6629, 0.3291, 0.6043

Previews

White Background



This preview shows how the XYZ color 43.5783, 42.2886, 49.5818 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 43.5783, 42.2886, 49.5818 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 43.5783, 42.2886, 49.5818

Background



This preview shows how black text looks on a background with the XYZ color 43.5783, 42.2886, 49.5818.



This preview shows how white text looks on a background with the XYZ color 43.5783, 42.2886,

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

43.5783, 42.2886, 49.5818

Protanopia

41.0509, 42.3465, 51.3575

Deuteranopia

43.2675, 42.4035, 49.6203



Tritanopia

43.5783, 42.2886, 49.5818

Trichromacy



Original Color

43.5783, 42.2886, 49.5818

Protanomaly

41.9325, 42.2480, 50.7443

Deuteranomaly

43.5147, 42.5309, 49.6319

Tritanomaly

43.5783, 42.2886, 49.5818

Monochromacy



Original Color

43.5783, 42.2886, 49.5818

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

42.0355, 42.9252, 48.1894

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5783, 42.2886, 49.5818 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(190, 168, 181)` looks like.

```
.text, #text, p{  
    color:rgb(190, 168, 181)  
}
```

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(190, 168, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 168, 181) }
```

Border

The CSS property to change the border of an element to XYZ 43.5783, 42.2886, 49.5818 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(190, 168, 181) }
```


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

```
.border{ border-color:rgb(190, 168, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 168, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 168, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 168, 181);  
box-shadow:4px 4px 4px 4px rgb(190, 168,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5783, 42.2886, 49.5818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 168, 181) }
```

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

```
.background{ background-color: rgb(190,  
168, 181) }
```

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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