

Converting Colors

XYZ(49.1296, 49.6167, 54.7889)

Have a look what the booklet for
XYZ(49.1296, 49.6167, 54.7889)
contains.

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Color

**XYZ(49.2435, 49.7821,
54.5905)**

Conversions

Conversions Part 1

Format	Color
Hex	C5B8BC
RGB	197, 184, 188
RGB Percent	77%, 72%, 74%
CMY	0.2274, 0.2784, 0.2627
CMYK	0.00, 0.07, 0.05, 0.23
HSL	342°, 10%, 75%
HSV	342°, 7%, 77%
XYZ	49.2435, 49.7821, 54.5905
YIQ	188.3430, 6.4640, 4.0000

Conversions

Conversions Part 2

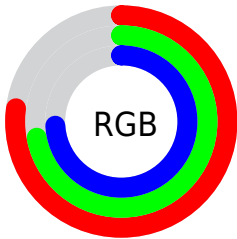
Format	Color
R _Y B	197, 184, 188
Decimal	12957884
CIE Lab	75.94, 5.31, -0.38
CIE LCh	76, 5.322, 355.953
Yxy	49.7821, 0.3206, 0.3241
Android (android.graphics.Color)	4291147964 (0xFFC5B8BC)
YUV	188.3430, -0.1691, 7.5922
Hunter-Lab	70.5564, 1.1069, 3.5160

Details

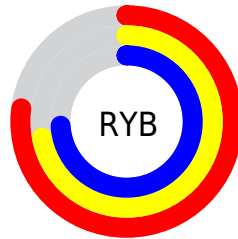
The XYZ color **49.2435, 49.7821, 54.5905** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.3609, 53.9743, 58.2710**, and the grayscale version is **47.9945, 50.4939, 54.9879**.

A 20% lighter version of the original color is **88.3623, 89.9227, 98.2876**, and **23.8172, 23.8215, 26.2644** is the 20% darker color. If you saturate the color by 10%, you get **44.0313, 41.6006, 45.9375**, and if you desaturate by 10%, it is **55.1674, 59.1633, 64.1679**.

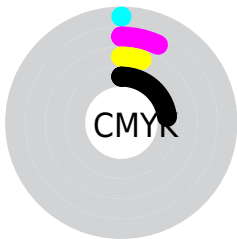
Distribution



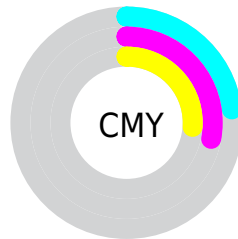
- Red (77%)
- Green (72%)
- Blue (74%)



- Red (77%)
- Yellow (72%)
- Blue (74%)



- Cyan (0%)
- Magenta (7%)
- Yellow (5%)
- Black (23%)



- Cyan (23%)
- Magenta (28%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.2435, 49.7821, 54.5905 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 49.2435, 49.7821, 54.5905 by changing the saturation by 10% instead.


 49.2435, 49.7821,
54.5905

 49.2435, 49.7821,
54.5905


374.2012,
385.8132, 421.5959

 35.0280, 35.2403,
38.6776


 88.2515, 89.8519,
98.4058

 23.8511, 23.8480,
26.2031


113.7748,
116.1488, 127.1453

 15.3473, 15.2209,
16.7485

143.7980,
147.1327, 160.9974

 9.1514, 8.9746,
9.8953

178.6866,
183.1882, 200.3807

 4.8980, 4.7246,
5.2249

218.8058,
224.6996, 245.7136

 2.2217, 2.0866,
2.3188

264.5211,

 0.7541, 0.6571,

272.0513, 297.4148

0.7417

316.1978,
325.6277, 355.9027

■ 0.0000, 0.0000,
0.0000

■ 49.2435, 49.7821,
54.5905

■ 49.2435, 49.7821,
54.5905

■ 44.0313, 41.6006,
45.9375

■ 55.1674, 59.1633,
64.1679

■ 39.4994, 34.5638,
38.1775

■ 61.8246, 69.7834,
74.6931

■ 35.6202, 28.6225,
31.2824

■ 69.2408, 81.6875,
86.1930

■ 32.3623, 23.7208,
25.2208

■ 74.8987, 89.8355,
97.8451

■ 29.6921, 19.7982,
19.9598

■ 76.8362, 90.6104,
108.0476

■ 27.5724, 16.7878,
15.4639

■ 25.9614, 14.6142,
11.6948

■ 24.8111, 13.1898,
8.6100

■ 24.0596, 12.4002,
6.1607

Harmonies

Analogous

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



48.9135, 49.7821, 57.3187



49.2435, 49.7821, 54.5905



49.0512, 49.7821, 51.8500

Triad

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



49.2435, 49.7821, 54.5905



46.4870, 49.7821, 49.4421



46.2571, 49.7821, 58.8548

Complementary

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



49.2435, 49.7821, 54.5905



49.3609, 53.9743, 58.2710

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.



45.6230, 49.7821, 56.6287



49.2435, 49.7821, 54.5905



45.7544, 49.7821, 51.2047

Square

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



49.2435, 49.7821, 54.5905



47.4511, 49.7821, 48.9388



45.4402, 49.7821, 53.8198



47.1820, 49.7821, 59.8345

Rectangle

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



49.2435, 49.7821, 54.5905



48.6542, 49.7821, 50.3741



45.4402, 49.7821, 53.8198



46.0034, 49.7821, 58.2237

Sweetspot

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



49.2449, 49.7843, 54.5916



92.8811, 96.5637, 105.3977



49.1827, 49.6366, 59.8125



19.9031, 20.7046, 22.5962



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.



49.2449, 49.7843, 54.5916



86.6922, 86.7912, 95.3033



49.3190, 50.6126, 52.5198



10.7659, 10.6898, 11.7507



15.7250, 8.0396, 3.7620



0.7774, 0.3938, 0.3510

Inverse Universe

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



49.2449, 49.7843, 54.5916



86.6922, 86.7912, 95.3033



49.2761, 53.0815, 60.4725



10.7659, 10.6898, 11.7507



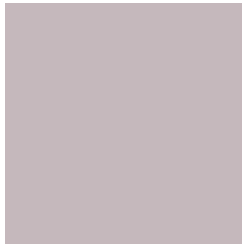
15.7250, 8.0396, 3.7620



0.7774, 0.3938, 0.3510

Previews

White Background



This preview shows how the XYZ color 49.2435, 49.7821, 54.5905 looks on a white background.

Color Contrast Check

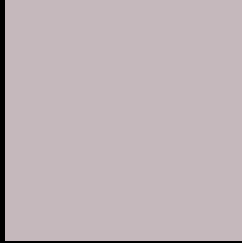
Large Text (above 18pt) WCAG AA × Fail

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 49.2435, 49.7821, 54.5905 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

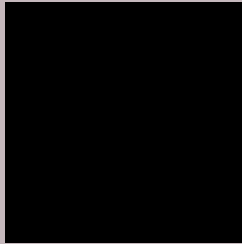
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.2435, 49.7821, 54.5905

Background



This preview shows how black text looks on a background with the XYZ color 49.2435, 49.7821, 54.5905.



This preview shows how white text looks on a background with the XYZ color 49.2435, 49.7821,

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

49.2435, 49.7821, 54.5905

Protanopia

47.9794, 49.7391, 55.2159

Deuteranopia

50.8860, 49.7010, 55.0554



Tritanopia

50.3002, 49.9040, 59.8046

Trichromacy



Original Color

49.2435, 49.7821, 54.5905

Protanomaly

48.5266, 49.7095, 55.1814

Deuteranomaly

50.2704, 49.6866, 55.0850

Tritanomaly

49.9598, 49.7678, 58.0119

Monochromacy



Original Color

49.2435, 49.7821, 54.5905

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

48.3333, 50.2479, 54.7283

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.2435, 49.7821, 54.5905 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(197, 184, 188) looks like.

```
.text, #text, p{  
    color:rgb(197, 184, 188)  
}
```

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(197, 184, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 184, 188) }
```

Border

The CSS property to change the border of an element to XYZ 49.2435, 49.7821, 54.5905 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(197, 184, 188) }
```


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

```
.border{ border-color:rgb(197, 184, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 184, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 184, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 184, 188);  
box-shadow:4px 4px 4px 4px rgb(197, 184,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 49.2435, 49.7821, 54.5905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 184, 188) }
```

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

```
.background{ background-color: rgb(197,  
184, 188) }
```

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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