

Converting Colors

XYZ(48.0512, 48.9750, 43.5785)

Have a look what the booklet for
XYZ(48.0512, 48.9750, 43.5785)
contains.

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Color

**XYZ(47.9959, 49.0745,
43.5019)**

Conversions

Conversions Part 1

Format	Color
Hex	C9B7A7
RGB	201, 183, 167
RGB Percent	79%, 72%, 65%
CMY	0.2118, 0.2823, 0.3451
CMYK	0.00, 0.09, 0.17, 0.21
HSL	28°, 24%, 72%
HSV	28°, 17%, 79%
XYZ	47.9959, 49.0745, 43.5019
YIQ	186.5580, 15.8640, -1.1600

Conversions

Conversions Part 2

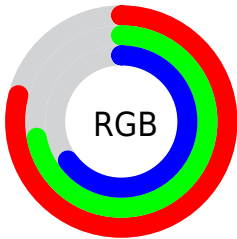
Format	Color
RYB	201, 197, 167
Decimal	13219751
CIELab	75.50, 3.77, 10.45
CIElCh	75, 11.112, 70.143
Yxy	49.0745, 0.3414, 0.3491
Android (android.graphics.Color)	4291409831 (0xFFC9B7A7)
YUV	186.5580, -9.6421, 12.6656
Hunter-Lab	70.0532, -0.2965, 12.2191

Details

The XYZ color **47.9959, 49.0745, 43.5019** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.8276, 47.1293, 62.0455**, and the grayscale version is **47.0326, 49.4819, 53.8858**.

A 20% lighter version of the original color is **85.2913, 88.2669, 81.6491**, and **23.1098, 23.4061, 19.5195** is the 20% darker color. If you saturate the color by 10%, you get **44.1686, 44.1657, 33.7601**, and if you desaturate by 10%, it is **52.2806, 54.4350, 54.8222**.

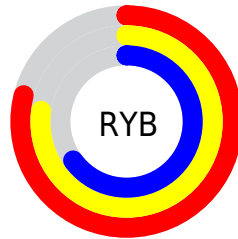
Distribution



Red (79%)

Green (72%)

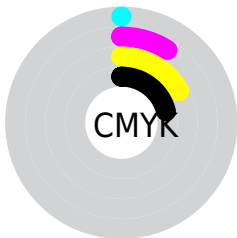
Blue (65%)



Red (79%)

Yellow (77%)

Blue (65%)

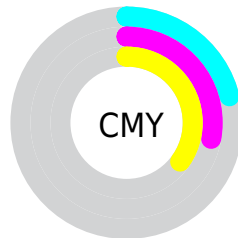


Cyan (0%)

Magenta (9%)

Yellow (17%)

Black (21%)



Cyan (21%)


Magenta (28%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.9959, 49.0745, 43.5019 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 47.9959, 49.0745, 43.5019 by changing the saturation by 10% instead.


 47.9959, 49.0745,
43.5019


 47.9959, 49.0745,
43.5019


369.3587,
383.0355, 376.6535

 34.0349, 34.6786,
29.9448

 86.4080, 88.8021,
81.7622

 23.0834, 23.4154,
19.5450


 111.5899,
114.9026, 107.3024

 14.7761, 14.9005,
11.8840


141.2426,
145.6733, 137.6741

 8.7477, 8.7496,
6.5431

175.7318,
181.4988, 173.2958

 4.6328, 4.5782,
3.1040

215.4226,
222.7633, 214.5861

 2.0660, 2.0020,
1.1480

260.6805,

 0.6706, 0.6086,

269.8514, 261.9634

0.0000

311.8707,
323.1473, 315.8463

0.0000, 0.0000,
0.0000

47.9959, 49.0745,
43.5019

47.9959, 49.0745,
43.5019

44.1686, 44.1657,
33.7601

52.2806, 54.4350,
54.8222

40.7777, 39.6894,
25.5225

57.0348, 60.2526,
67.7846

37.8065, 35.6346,
18.7132

62.2748, 66.5412,
82.4530

35.2355, 31.9871,
13.2487

68.0150, 73.3117,
98.8868

33.0432, 28.7319,
9.0363

72.1903, 79.7432,
106.1949

■ 31.2059, 25.8527,
5.9718

■ 75.3487, 86.0600,
107.2477

■ 29.6963, 23.3315,
3.9333

■ 77.8975, 91.1576,
108.0973

■ 28.4793, 21.1468,
2.7588

■ 28.1449, 20.5323,
2.4797

Harmonies

Analogous

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



49.7231, 49.0745, 46.4799



47.9959, 49.0745, 43.5019



45.9530, 49.0745, 43.0718

Triad

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



47.9959, 49.0745, 43.5019



42.8695, 49.0745, 55.4470



49.2321, 49.0745, 62.5384

Complementary

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



47.9959, 49.0745, 43.5019



43.8276, 47.1293, 62.0455

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.



47.3416, 49.0745, 65.3371



47.9959, 49.0745, 43.5019



43.6944, 49.0745, 61.0488

Square

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



47.9959, 49.0745, 43.5019



43.0331, 49.0745, 49.6894



45.3174, 49.0745, 64.7728



50.4511, 49.0745, 57.3617

Rectangle

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



47.9959, 49.0745, 43.5019



44.6919, 49.0745, 44.2521



45.3174, 49.0745, 64.7728



48.6518, 49.0745, 63.8051

Sweetspot

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



47.9972, 49.0767, 43.5029



90.9494, 94.9754, 97.7399



46.6776, 43.5640, 51.9218



19.3471, 20.1810, 20.5972



0.0000, 0.0000, 0.0000



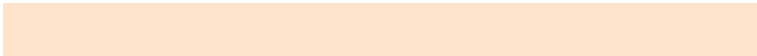
20.3446, 21.4041, 23.3091

Same Dimension

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



47.9972, 49.0767, 43.5029



79.8842, 81.1098, 68.5721



51.6862, 56.4547, 44.7326



11.0386, 11.4464, 11.1903



17.7865, 13.0902, 1.5892



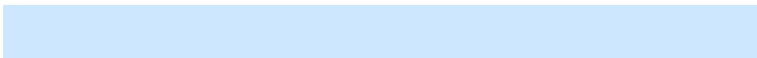
0.9146, 0.7645, 0.0994

Inverse Universe

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



43.8276, 47.1293, 62.0455



71.5261, 77.2058, 105.7401



40.5068, 40.4878, 60.9386



10.5136, 11.2012, 13.5254



9.9871, 9.3680, 36.0262



0.5450, 0.5878, 1.7299

Previews

White Background



This preview shows how the XYZ color 47.9959, 49.0745, 43.5019 looks on a white background.

Color Contrast Check

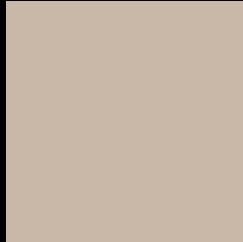
Large Text (above 18pt) WCAG AA × Fail

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 47.9959, 49.0745, 43.5019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

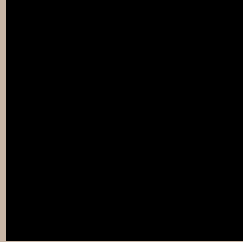
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.9959, 49.0745, 43.5019

Background



This preview shows how black text looks on a background with the XYZ color 47.9959, 49.0745, 43.5019.



This preview shows how white text looks on a background with the XYZ color 47.9959, 49.0745,

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

47.9959, 49.0745, 43.5019

Protanopia

46.6650, 48.9944, 44.0431

Deuteranopia

50.0520, 48.9162, 43.8495



Tritanopia

50.6476, 48.9278, 57.2267

Trichromacy



Original Color

47.9959, 49.0745, 43.5019

Protanomaly

47.2343, 48.9784, 44.0101

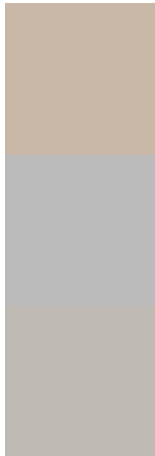
Deuteranomaly

49.1213, 48.7351, 43.8636

Tritanomaly

49.6016, 48.7997, 52.1524

Monochromacy



Original Color

47.9959, 49.0745, 43.5019

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

47.5354, 49.6196, 50.2522

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.9959, 49.0745, 43.5019 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(201, 183, 167) looks like.

```
.text, #text, p{  
    color:rgb(201, 183, 167)  
}
```

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(201, 183, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 183, 167) }
```

Border

The CSS property to change the border of an element to XYZ 47.9959, 49.0745, 43.5019 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(201, 183, 167) }
```


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

```
.border{ border-color:rgb(201, 183, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 183, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 183, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 183, 167);  
box-shadow:4px 4px 4px 4px rgb(201, 183,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 47.9959, 49.0745, 43.5019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 183, 167) }
```

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

```
.background{ background-color: rgb(201,  
183, 167) }
```

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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