

Converting Colors

XYZ(47.7209, 43.1174, 59.8339)

Have a look what the booklet for
XYZ(47.7209, 43.1174, 59.8339)
contains.

XYZ(47.6717, 43.0919, 59.8378)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(47.6717, 43.0919,
59.8378)**

Conversions

Conversions Part 1

Format	Color
Hex	C9A4C7
RGB	201, 164, 199
RGB Percent	79%, 64%, 78%
CMY	0.2118, 0.3568, 0.2196
CMYK	0.00, 0.18, 0.01, 0.21
HSL	303°, 26%, 72%
HSV	303°, 18%, 79%
XYZ	47.6717, 43.0919, 59.8378
YIQ	179.0530, 10.8170, 18.7290

Conversions

Conversions Part 2

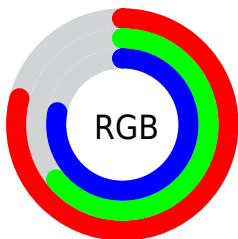
Format	Color
R_{YB}	201, 164, 199
Decimal	13214919
CIE _{Lab}	71.62, 19.60, -12.76
CIE _{LCh}	72, 23.387, 326.945
Yxy	43.0919, 0.3165, 0.2861
Android (android.graphics.Color)	4291404999 (0xFFC9A4C7)
YUV	179.0530, 9.8339, 19.2475
Hunter-Lab	65.6444, 14.7509, -8.0944

Details

The XYZ color **47.6717, 43.0919, 59.8378** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **43.0812, 52.4204, 43.9263**, and the grayscale version is **42.8222, 45.0523, 49.0620**.

A 20% lighter version of the original color is **84.6215, 79.1430, 105.4238**, and **22.9376, 19.8357, 29.4078** is the 20% darker color. If you saturate the color by 10%, you get **44.2297, 36.4085, 58.0705**, and if you desaturate by 10%, it is **51.6857, 50.9164, 61.8012**.

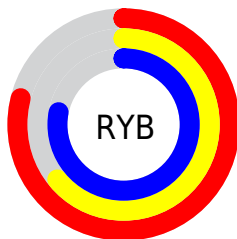
Distribution



Red (79%)

Green (64%)

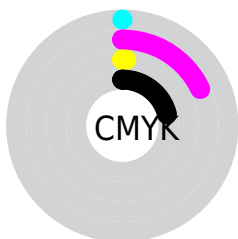
Blue (78%)



Red (79%)

Yellow (64%)

Blue (78%)

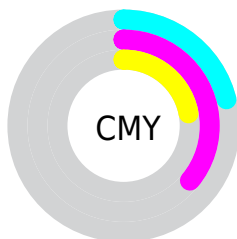


Cyan (0%)

Magenta (18%)

Yellow (1%)

Black (21%)



Cyan (21%)

Magenta (36%)

Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.6717, 43.0919, 59.8378 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 47.6717, 43.0919, 59.8378 by changing the saturation by 10% instead.


 47.6717, 43.0919,
59.8378


 47.6717, 43.0919,
59.8378

368.0936,
358.9896, 441.7877

 33.7771, 29.9572,
42.8635


 85.9281, 79.8495,
106.1354

 22.8845, 19.8061,
29.4474


 111.0206,
104.2413, 136.2958

 14.6285, 12.2542,
19.1710


140.5764,
133.1541, 171.6885

 8.6437, 6.9170,
11.6159

174.9610,
166.9726, 212.7323

 4.5647, 3.4103,
6.3633

214.5397,
206.0809, 259.8455

 2.0263, 1.3495,
2.9949

259.6778,

 0.6487, 0.1790,

250.8636, 313.4468

1.0920

310.7406,
301.7050, 373.9547

■ 0.0000, 0.0000,
0.0000

■ 47.6717, 43.0919,
59.8378

■ 47.6717, 43.0919,
59.8378

■ 44.2297, 36.4085,
58.0705

■ 51.6857, 50.9164,
61.8012

■ 41.3292, 30.8073,
56.4876

■ 56.2926, 59.9261,
63.9662

■ 38.9426, 26.2325,
55.0805

■ 61.5172, 70.1697,
66.3416

■ 37.0386, 22.6215,
53.8387

■ 67.3816, 81.6916,
68.9347

■ 35.5823, 19.9044,
52.7505

■ 70.7993, 88.3183,
70.7167

■ 34.5341, 18.0020,
51.8027

■ 70.9305, 88.3708,
71.4077

■ 33.8475, 16.8215,
50.9799

■ 71.0626, 88.4237,
72.1036

■ 33.4503, 16.2183,
50.2579

■ 71.1957, 88.4769,
72.8042

■ 33.3966, 16.1412,
50.1464

■ 71.3296, 88.5305,
73.5097

Harmonies

Analogous

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



44.5031, 43.0919, 69.1499



47.6717, 43.0919, 59.8378



49.0352, 43.0919, 48.0908

Triad

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



47.6717, 43.0919, 59.8378



41.3644, 43.0919, 28.3499



34.5422, 43.0919, 57.5031

Complementary

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



47.6717, 43.0919, 59.8378



43.0812, 52.4204, 43.9263

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.



33.8196, 43.0919, 45.7679



47.6717, 43.0919, 59.8378



37.6055, 43.0919, 30.0515

Square

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



47.6717, 43.0919, 59.8378



45.2496, 43.0919, 30.9227



34.9054, 43.0919, 36.0091



36.9459, 43.0919, 67.6566

Rectangle

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



47.6717, 43.0919, 59.8378



48.6759, 43.0919, 40.8509



34.9054, 43.0919, 36.0091



34.1016, 43.0919, 53.5618

Sweetspot

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



47.6730, 43.0938, 59.8387



90.2289, 90.5705, 106.6372



39.5144, 38.8608, 60.6776



19.2053, 19.1760, 22.7737



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.



47.6730, 43.0938, 59.8387



79.2058, 69.0870, 101.2280



45.6690, 42.2922, 49.2859



11.0574, 10.8063, 13.2854



21.0093, 10.1533, 31.5883



1.0025, 0.4839, 1.5366

Inverse Universe

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



47.6730, 43.0938, 59.8387



79.2058, 69.0870, 101.2280



44.8865, 53.1425, 53.4333



11.0574, 10.8063, 13.2854



21.0093, 10.1533, 31.5883



1.0025, 0.4839, 1.5366

Previews

White Background



This preview shows how the XYZ color 47.6717, 43.0919, 59.8378 looks on a white background.

Color Contrast Check

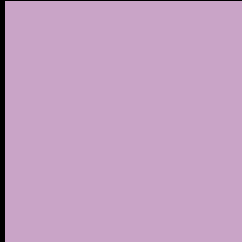
Large Text (above 18pt) WCAG AA × Fail

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 47.6717, 43.0919, 59.8378 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 47.6717, 43.0919, 59.8378

Background



This preview shows how black text looks on a background with the XYZ color 47.6717, 43.0919, 59.8378.



This preview shows how white text looks on a background with the XYZ color 47.6717, 43.0919,

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

47.6717, 43.0919, 59.8378

Protanopia

42.8542, 43.2744, 64.4867

Deuteranopia

44.0474, 43.1481, 59.4330



Tritanopia

45.3456, 42.9385, 49.0780

Trichromacy



Original Color

47.6717, 43.0919, 59.8378

Protanomaly

44.2103, 42.8850, 62.4474

Deuteranomaly

45.1819, 42.9013, 59.3255

Tritanomaly

46.1590, 43.0024, 52.8812

Monochromacy



Original Color

47.6717, 43.0919, 59.8378

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

44.4925, 44.3821, 52.6760

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.6717, 43.0919, 59.8378 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, 164, 199) looks like.

```
.text, #text, p{  
    color:rgb(201, 164, 199)  
}
```

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, 164, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 164, 199) }
```

Border

The CSS property to change the border of an element to XYZ 47.6717, 43.0919, 59.8378 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, 164, 199) }
```


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

```
.border{ border-color:rgb(201, 164, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 164, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 164, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 164, 199);  
box-shadow:4px 4px 4px 4px rgb(201, 164,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 47.6717, 43.0919, 59.8378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 164, 199) }
```

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

```
.background{ background-color: rgb(201,  
164, 199) }
```

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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