

Converting Colors

XYZ(47.5209, 44.9388, 59.5955)

Have a look what the booklet for
XYZ(47.5209, 44.9388, 59.5955)
contains.

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Color

**XYZ(47.5209, 44.9388,
59.5955)**

Conversions

Conversions Part 1

Format	Color
Hex	C4ABC6
RGB	196, 171, 198
RGB Percent	77%, 67%, 78%
CMY	0.2314, 0.3294, 0.2235
CMYK	0.01, 0.14, 0.00, 0.22
HSL	296°, 19%, 72%
HSV	296°, 14%, 78%
XYZ	47.5209, 44.9388, 59.5955
YIQ	181.5530, 6.2330, 13.6970

Conversions

Conversions Part 2

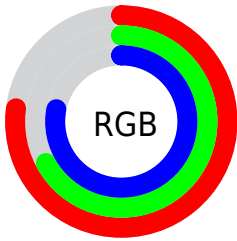
Format	Color
R_{YB}	196, 171, 198
Decimal	12889030
CIE _{Lab}	72.85, 13.86, -10.41
CIE _{LCh}	73, 17.334, 323.103
Yxy	44.9388, 0.3125, 0.2955
Android (android.graphics.Color)	4291079110 (0xFFC4ABC6)
YUV	181.5530, 8.1084, 12.6700
Hunter-Lab	67.0364, 9.2217, -5.7834

Details

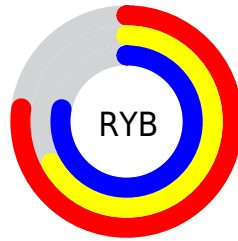
The XYZ color **47.5209, 44.9388, 59.5955** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **44.7800, 52.2138, 46.2485**, and the grayscale version is **44.1766, 46.4772, 50.6137**.

A 20% lighter version of the original color is **85.7544, 82.4954, 106.0112**, and **22.7862, 20.9581, 29.2299** is the 20% darker color. If you saturate the color by 10%, you get **43.6783, 37.8166, 58.4240**, and if you desaturate by 10%, it is **51.9301, 53.1873, 60.9559**.

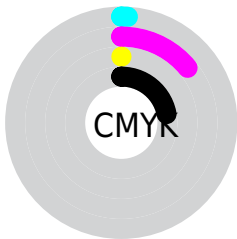
Distribution



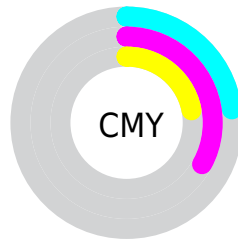
- Red (77%)
- Green (67%)
- Blue (78%)



- Red (77%)
- Yellow (67%)
- Blue (78%)



- Cyan (1%)
- Magenta (14%)
- Yellow (0%)
- Black (22%)



- Cyan (23%)
- Magenta (33%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.5209, 44.9388, 59.5955 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 47.5209, 44.9388, 59.5955 by changing the saturation by 10% instead.

■ 47.5209, 44.9388,
59.5955

■ 47.5209, 44.9388,
59.5955

367.5042,
366.5256, 440.8684

■ 33.6573, 31.4092,
42.6695

■ 85.7047, 82.6286,
105.7803

■ 22.7921, 20.9107,
29.2964

110.7555,
107.5575, 135.8762

■ 14.5599, 13.0587,
19.0577

140.2662,
137.0551, 171.1991

■ 8.5954, 7.4690,
11.5347

174.6021,
171.5057, 212.1676

■ 4.5332, 3.7571,
6.3090

214.1284,
211.2936, 259.2003

■ 2.0080, 1.5386,
2.9621

259.2107,

■ 0.6384, 0.3157,

256.8033, 312.7156

1.0753

310.2142,
308.4192, 373.1321

■ 0.0000, 0.0000,
0.0000

■ 47.5209, 44.9388,
59.5955

■ 47.5209, 44.9388,
59.5955

■ 43.6783, 37.8166,
58.4240

■ 51.9301, 53.1873,
60.9559

■ 40.3735, 31.7651,
57.4301

■ 56.9252, 62.6028,
62.5100

■ 37.5812, 26.7329,
56.6060

■ 62.5295, 73.2312,
64.2661

■ 35.2722, 22.6622,
55.9419

■ 68.7639, 85.1141,
66.2312

■ 33.4148, 19.4889,
55.4273

■ 70.6730, 88.3408,
66.7534

■ 31.9731, 17.1417,
55.0502

■ 71.0752, 88.5482,
66.7722

■ 30.9059, 15.5381,
54.7970

■ 71.4812, 88.7575,
66.7912

■ 30.1635, 14.5786,
54.6509

■ 71.8911, 88.9687,
66.8104

■ 29.8012, 14.1856,
54.5941

■ 72.3047, 89.1820,
66.8297

Harmonies

Analogous

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



45.0293, 44.9388, 65.8534



47.5209, 44.9388, 59.5955



48.7332, 44.9388, 50.9525

Triad

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



47.5209, 44.9388, 59.5955



43.4132, 44.9388, 34.2243



37.5975, 44.9388, 55.7417

Complementary

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



47.5209, 44.9388, 59.5955



44.7800, 52.2138, 46.2485

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.



37.2102, 44.9388, 46.9631



47.5209, 44.9388, 59.5955



40.4775, 44.9388, 35.1881

Square

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



47.5209, 44.9388, 59.5955



46.2904, 44.9388, 36.8135



38.2408, 44.9388, 39.6208



39.3248, 44.9388, 63.4519

Rectangle

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



47.5209, 44.9388, 59.5955



48.6142, 44.9388, 45.2610



38.2408, 44.9388, 39.6208



37.3097, 44.9388, 52.7936

Sweetspot

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



47.5222, 44.9407, 59.5965



91.6045, 93.5208, 107.8310



41.9811, 42.7204, 59.4600



19.4726, 19.7647, 23.0386



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.



47.5222, 44.9407, 59.5965



82.2841, 76.1057, 104.9608



46.7959, 44.7107, 53.0385



11.0026, 10.7751, 13.4174



19.4119, 9.2415, 35.5050



0.9429, 0.4498, 1.6823

Inverse Universe

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



45.3960, 44.1507, 45.6666



77.8905, 74.4758, 76.0673



45.4596, 52.4350, 52.1182



10.6652, 10.6495, 11.2203



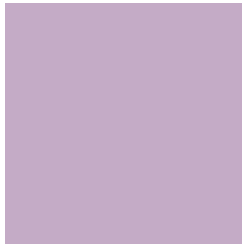
15.2122, 7.8344, 1.0611



0.7316, 0.3755, 0.1099

Previews

White Background



This preview shows how the XYZ color 47.5209, 44.9388, 59.5955 looks on a white background.

Color Contrast Check

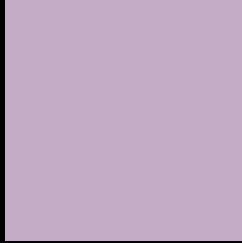
Large Text (above 18pt) WCAG AA × Fail

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 47.5209, 44.9388, 59.5955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

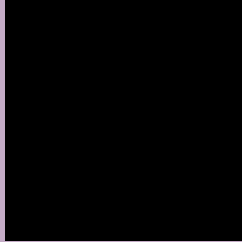
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.5209, 44.9388, 59.5955

Background



This preview shows how black text looks on a background with the XYZ color 47.5209, 44.9388, 59.5955.



This preview shows how white text looks on a background with the XYZ color 47.5209, 44.9388,

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

47.5209, 44.9388, 59.5955

Protanopia

44.2603, 45.2190, 62.2725

Deuteranopia

45.9531, 44.9947, 59.0862



Tritanopia

46.1613, 44.9443, 53.2559

Trichromacy



Original Color

47.5209, 44.9388, 59.5955

Protanomaly

45.4010, 44.9443, 61.5406

Deuteranomaly

46.5075, 44.9947, 59.0570

Tritanomaly

46.6622, 44.8687, 55.4914

Monochromacy



Original Color

47.5209, 44.9388, 59.5955

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

45.4910, 46.0364, 54.0652

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.5209, 44.9388, 59.5955 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(196, 171, 198)` looks like.

```
.text, #text, p{  
    color:rgb(196, 171, 198)  
}
```

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(196, 171, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 171, 198) }
```

Border

The CSS property to change the border of an element to XYZ 47.5209, 44.9388, 59.5955 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(196, 171, 198) }
```


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

```
.border{ border-color:rgb(196, 171, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 171, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 171, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 171, 198);  
box-shadow:4px 4px 4px 4px rgb(196, 171,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 47.5209, 44.9388, 59.5955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 171, 198) }
```

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

```
.background{ background-color: rgb(196,  
171, 198) }
```

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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