

Converting Colors

XYZ(59.8920, 51.3562, 49.0734)

Have a look what the booklet for
XYZ(59.8920, 51.3562, 49.0734)
contains.

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Color

**XYZ(59.7188, 51.1969,
48.8539)**

Conversions

Conversions Part 1

Format	Color
Hex	F4AAB2
RGB	244, 170, 178
RGB Percent	96%, 67%, 70%
CMY	0.0431, 0.3333, 0.3020
CMYK	0.00, 0.30, 0.27, 0.04
HSL	354°, 77%, 81%
HSV	354°, 30%, 96%
XYZ	59.7188, 51.1969, 48.8539
YIQ	193.0380, 41.5360, 18.1760

Conversions

Conversions Part 2

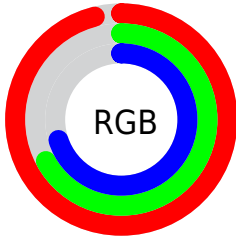
Format	Color
RYB	244, 170, 178
Decimal	16034482
CIELab	76.80, 28.25, 6.88
CIELCh	77, 29.082, 13.694
Yxy	51.1969, 0.3738, 0.3204
Android (android.graphics.Color)	4294224562 (0xFFFF4AAB2)
YUV	193.0380, -7.4137, 44.6937
Hunter-Lab	71.5520, 23.7638, 9.6047

Details

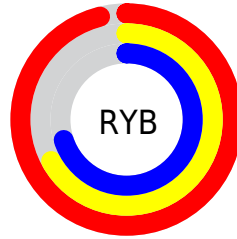
The XYZ color **59.7188, 51.1969, 48.8539** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **64.0708, 79.3047, 91.2914**, and the grayscale version is **50.7372, 53.3795, 58.1303**.

A 20% lighter version of the original color is **83.2876, 81.5932, 89.2012**, and **30.3127, 24.6424, 22.5608** is the 20% darker color. If you saturate the color by 10%, you get **53.5475, 42.0781, 36.8576**, and if you desaturate by 10%, it is **67.0885, 62.1569, 62.9611**.

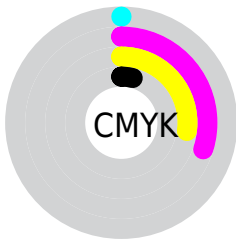
Distribution



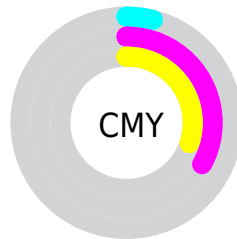
- Red (96%)
- Green (67%)
- Blue (70%)



- Red (96%)
- Yellow (67%)
- Blue (70%)



- Cyan (0%)
- Magenta (30%)
- Yellow (27%)
- Black (4%)




- Cyan (4%)
- Magenta (33%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.7188, 51.1969, 48.8539 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 59.7188, 51.1969, 48.8539 by changing the saturation by 10% instead.


 59.7188, 51.1969,
48.8539

 59.7188, 51.1969,
48.8539

413.4119,
391.3283, 398.7728

 43.4406, 36.3653,
34.1388


 103.5303, 91.9458,
89.8532

 30.4270, 24.7165,
22.7220


131.7943,
118.6318, 116.9744

 20.3126, 15.8660,
14.1850


164.7844,
150.0382, 149.0682

 12.7321, 9.4293,
8.1092

202.8658,
186.5493, 186.5529

 7.3200, 5.0223,
4.0762

246.4038,
228.5494, 229.8472

 3.7111, 2.2603,
1.6672

295.7640,

 1.5400, 0.7526,

276.4230, 279.3696

0.3381

351.3115,
330.5545, 335.5386

■ 0.3528, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.7188, 51.1969,
48.8539

■ 59.7188, 51.1969,
48.8539

■ 53.5475, 42.0781,
36.8576

■ 67.0885, 62.1569,
62.9611

■ 48.5070, 34.6925,
26.8676

■ 75.7110, 75.0438,
79.2708

■ 44.5295, 28.9325,
18.7749

■ 85.6425, 89.9466,
97.8730

■ 41.5380, 24.6750,
12.4589

■ 91.1183, 97.9731,
108.7160

■ 39.4454, 21.7795,
7.7849

■ 38.1485, 20.0789,
4.5988

■ 37.4989, 19.3094,
2.7494

Harmonies

Analogous

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



59.5754, 51.1969, 64.7223



59.7188, 51.1969, 48.8539



56.7458, 51.1969, 37.2725

Triad

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



59.7188, 51.1969, 48.8539



41.6911, 51.1969, 36.5283



45.7415, 51.1969, 90.3046

Complementary

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



59.7188, 51.1969, 48.8539



64.0708, 79.3047, 91.2914

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.



41.3833, 51.1969, 79.4902



59.7188, 51.1969, 48.8539



39.1686, 51.1969, 47.6383

Square

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



59.7188, 51.1969, 48.8539



46.1915, 51.1969, 31.1201



39.0603, 51.1969, 63.2548



51.2173, 51.1969, 90.8003

Rectangle

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



59.7188, 51.1969, 48.8539



53.5180, 51.1969, 32.6944



39.0603, 51.1969, 63.2548



44.1074, 51.1969, 87.6750

Sweetspot

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



59.7202, 51.1993, 48.8549



85.0382, 84.9724, 90.1608



65.0875, 53.0083, 92.3893



17.8793, 17.7046, 18.6917



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.



59.7202, 51.1993, 48.8549



61.9271, 50.5472, 46.0881



64.8435, 62.6934, 46.7167



16.5719, 16.5116, 17.4922



20.4134, 10.5088, 1.6196



1.8177, 0.9330, 0.2663

Inverse Universe

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



59.7202, 51.1993, 48.8549



61.9271, 50.5472, 46.0881



57.3708, 64.0038, 94.9183



16.5719, 16.5116, 17.4922



20.4134, 10.5088, 1.6196



1.8177, 0.9330, 0.2663

Previews

White Background



This preview shows how the XYZ color 59.7188, 51.1969, 48.8539 looks on a white background.

Color Contrast Check

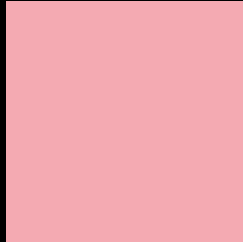
Large Text (above 18pt) WCAG AA × Fail

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 59.7188, 51.1969, 48.8539 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 59.7188, 51.1969, 48.8539

Background



This preview shows how black text looks on a background with the XYZ color 59.7188, 51.1969, 48.8539.



This preview shows how white text looks on a background with the XYZ color 59.7188, 51.1969,

48.8539.

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

59.7188, 51.1969, 48.8539

Protanopia

49.6310, 51.5386, 55.4762

Deuteranopia

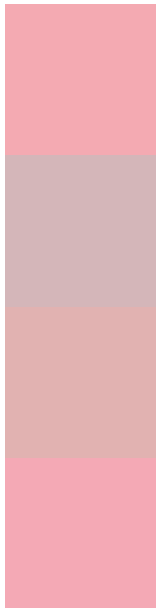
52.5015, 51.2977, 48.2086



Tritanopia

59.9397, 50.9864, 50.9382

Trichromacy



Original Color

59.7188, 51.1969, 48.8539

Protanomaly

52.6363, 50.9557, 52.9601

Deuteranomaly

54.9075, 51.0227, 48.5494

Tritanomaly

59.8367, 50.9452, 50.3957

Monochromacy



Original Color

59.7188, 51.1969, 48.8539

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

53.5774, 52.3258, 54.8530

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.7188, 51.1969, 48.8539 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(244, 170, 178)` looks like.

```
.text, #text, p{  
    color:rgb(244, 170, 178)  
}
```

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(244, 170, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 170, 178) }
```

Border

The CSS property to change the border of an element to XYZ 59.7188, 51.1969, 48.8539 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(244, 170, 178) }
```


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

```
.border{ border-color:rgb(244, 170, 178) }
```

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

Here you see how a box with a 4 pixel rgb(244, 170, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 170, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 170, 178);  
box-shadow:4px 4px 4px 4px rgb(244, 170,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 59.7188, 51.1969, 48.8539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 170, 178) }
```

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

```
.background{ background-color: rgb(244,  
170, 178) }
```

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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