

Converting Colors

XYZ(59.8213, 54.9117, 54.8838)

Have a look what the booklet for
XYZ(59.8213, 54.9117, 54.8838)
contains.

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Color

**XYZ(59.9423, 54.9902,
55.0318)**

Conversions

Conversions Part 1

Format	Color
Hex	EAB7BC
RGB	234, 183, 188
RGB Percent	92%, 72%, 74%
CMY	0.0823, 0.2823, 0.2627
CMYK	0.00, 0.22, 0.20, 0.08
HSL	354°, 55%, 82%
HSV	354°, 22%, 92%
XYZ	59.9423, 54.9902, 55.0318
YIQ	198.8190, 28.7910, 12.3670

Conversions

Conversions Part 2

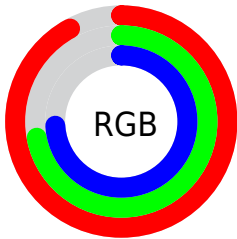
Format	Color
RYB	234, 183, 188
Decimal	15382460
CIELab	79.04, 19.14, 4.54
CIElCh	79, 19.676, 13.349
Yxy	54.9902, 0.3527, 0.3235
Android (android.graphics.Color)	4293572540 (0xFFEAB7BC)
YUV	198.8190, -5.3338, 30.8537
Hunter-Lab	74.1554, 14.5157, 7.9088

Details

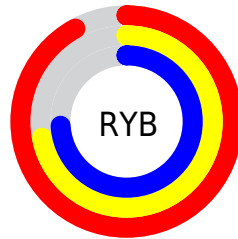
The XYZ color **59.9423, 54.9902, 55.0318** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **63.0964, 74.5715, 85.2007**, and the grayscale version is **54.1960, 57.0184, 62.0930**.

A 20% lighter version of the original color is **88.4356, 89.5247, 98.2069**, and **30.7159, 27.1795, 26.5489** is the 20% darker color. If you saturate the color by 10%, you get **53.3997, 45.2837, 42.4338**, and if you desaturate by 10%, it is **67.6232, 66.4396, 69.6524**.

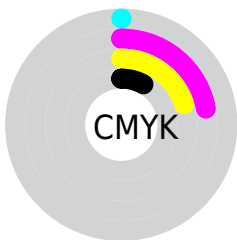
Distribution



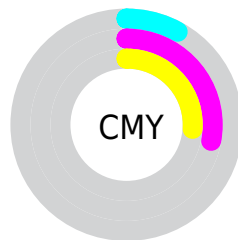
- Red (92%)
- Green (72%)
- Blue (74%)



- Red (92%)
- Yellow (72%)
- Blue (74%)



- Cyan (0%)
- Magenta (22%)
- Yellow (20%)
- Black (8%)





- Cyan (8%)
- Magenta (28%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.9423, 54.9902, 55.0318 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 59.9423, 54.9902, 55.0318 by changing the saturation by 10% instead.


 59.9423, 54.9902,
55.0318

 59.9423, 54.9902,
55.0318


414.2232,
405.8748, 423.3178

 43.6214, 39.3939,
39.0284


 103.8528, 97.5266,
99.0592

 30.5696, 27.0663,
26.4738


132.1731,
125.2355, 127.9202

 20.4216, 17.6230,
16.9495


165.2239,
157.7506, 161.9042

 12.8119, 10.6797,
10.0369

203.3706,
195.4565, 201.4298

 7.3752, 5.8519,
5.3175

246.9785,
238.7374, 246.9154

 3.7463, 2.7552,
2.3728

296.4130,

 1.5596, 1.0053,

287.9779, 298.7795

0.7716

352.0395,
343.5622, 357.4408

■ 0.3659, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.9423, 54.9902,
55.0318

■ 59.9423, 54.9902,
55.0318

■ 53.3997, 45.2837,
42.4338

■ 67.6232, 66.4396,
69.6524

■ 47.9367, 37.2275,
31.7659

■ 76.4881, 79.7035,
86.3755

■ 43.4965, 30.7319,
22.9337

■ 86.5860, 94.8586,
105.2811

■ 40.0151, 25.6957,
15.8333

■ 87.7420, 96.2326,
108.5580

■ 37.4211, 22.0059,
10.3505

■ 35.6334, 19.5325,
6.3572

■ 34.5555, 18.1202,
3.7059

■ 34.0858, 17.5541,
2.3984

Harmonies

Analogous

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



59.8193, 54.9902, 66.2707



59.9423, 54.9902, 55.0318



57.9368, 54.9902, 46.2557

Triad

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



59.9423, 54.9902, 55.0318



47.2652, 54.9902, 45.5197



50.1380, 54.9902, 83.0086

Complementary

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



59.9423, 54.9902, 55.0318



63.0964, 74.5715, 85.2007

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.



46.9788, 54.9902, 75.9351



59.9423, 54.9902, 55.0318



45.3779, 54.9902, 53.9046

Square

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



59.9423, 54.9902, 55.0318



50.5469, 54.9902, 41.2448



45.2757, 54.9902, 64.9943



54.0248, 54.9902, 83.4092

Rectangle

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



59.9423, 54.9902, 55.0318



55.7181, 54.9902, 42.5921



45.2757, 54.9902, 64.9943



48.9605, 54.9902, 81.2958

Sweetspot

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



59.9438, 54.9927, 55.0329



87.1327, 88.1413, 94.0035



64.0676, 56.4516, 85.3620



18.5112, 18.6583, 19.8587



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.



59.9438, 54.9927, 55.0329



69.2455, 61.4752, 59.9617



63.9312, 63.8145, 53.7507



15.1254, 15.0780, 15.9457



19.1748, 9.8726, 1.4560



1.5260, 0.7834, 0.2214

Inverse Universe

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



59.9438, 54.9927, 55.0329



69.2455, 61.4752, 59.9617



58.3273, 63.9008, 87.1024



15.1254, 15.0780, 15.9457



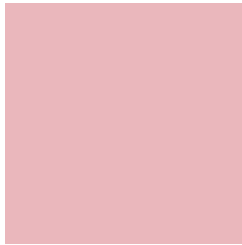
19.1748, 9.8726, 1.4560



1.5260, 0.7834, 0.2214

Previews

White Background



This preview shows how the XYZ color 59.9423, 54.9902, 55.0318 looks on a white background.

Color Contrast Check

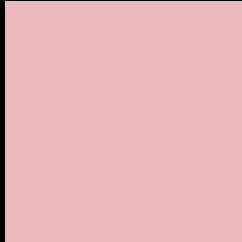
Large Text (above 18pt) WCAG AA × Fail

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 59.9423, 54.9902, 55.0318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

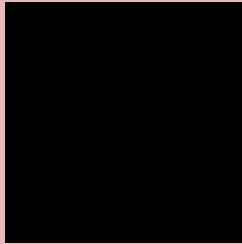
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.9423, 54.9902, 55.0318

Background



This preview shows how black text looks on a background with the XYZ color 59.9423, 54.9902, 55.0318.



This preview shows how white text looks on a background with the XYZ color 59.9423, 54.9902,

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

59.9423, 54.9902, 55.0318

Protanopia

53.1849, 55.2497, 59.4909

Deuteranopia

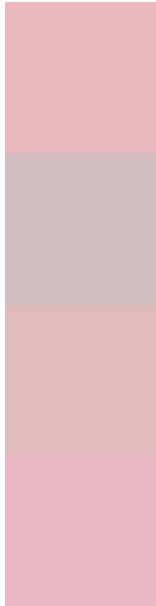
56.0807, 54.8885, 54.6525



Tritanopia

60.9527, 55.1036, 59.6481

Trichromacy



Original Color

59.9423, 54.9902, 55.0318

Protanomaly

55.2966, 55.0644, 57.5832

Deuteranomaly

57.4804, 54.9758, 54.5956

Tritanomaly

60.6145, 54.9683, 57.8673

Monochromacy



Original Color

59.9423, 54.9902, 55.0318

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

56.0717, 56.0771, 59.4984

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.9423, 54.9902, 55.0318 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(234, 183, 188)` looks like.

```
.text, #text, p{  
    color:rgb(234, 183, 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(234, 183, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 183, 188) }
```

Border

The CSS property to change the border of an element to XYZ 59.9423, 54.9902, 55.0318 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(234, 183, 188) }
```


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

```
.border{ border-color:rgb(234, 183, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 183, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 183, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 183, 188);  
box-shadow:4px 4px 4px 4px rgb(234, 183,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 59.9423, 54.9902, 55.0318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 183, 188) }
```

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

```
.background{ background-color: rgb(234,  
183, 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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