

Converting Colors

XYZ(59.0300, 49.3023, 53.1568)

Have a look what the booklet for
XYZ(59.0300, 49.3023, 53.1568)
contains.

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Color

**XYZ(59.0427, 49.3754,
53.4322)**

Conversions

Conversions Part 1

Format	Color
Hex	F2A5BB
RGB	242, 165, 187
RGB Percent	95%, 65%, 73%
CMY	0.0510, 0.3529, 0.2667
CMYK	0.00, 0.32, 0.23, 0.05
HSL	343°, 75%, 80%
HSV	343°, 32%, 95%
XYZ	59.0427, 49.3754, 53.4322
YIQ	190.5310, 38.8300, 23.1660

Conversions

Conversions Part 2

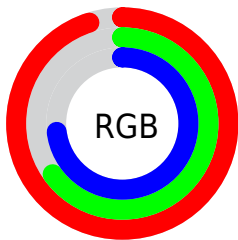
Format	Color
R _Y B	242, 165, 187
Decimal	15902139
CIE Lab	75.68, 31.43, 0.32
CIE LCh	76, 31.435, 0.589
Yxy	49.3754, 0.3648, 0.3051
Android (android.graphics.Color)	4294092219 (0xFFF2A5BB)
YUV	190.5310, -1.7408, 45.1383
Hunter-Lab	70.2676, 27.0171, 4.1026

Details

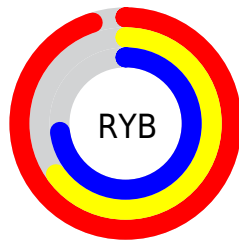
The XYZ color **59.0427, 49.3754, 53.4322** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **60.1896, 76.6721, 79.3408**, and the grayscale version is **49.2451, 51.8097, 56.4207**.

A 20% lighter version of the original color is **83.2741, 79.4440, 95.7392**, and **29.8644, 23.4999, 25.5162** is the 20% darker color. If you saturate the color by 10%, you get **53.3431, 40.7614, 42.9449**, and if you desaturate by 10%, it is **65.7937, 59.7348, 65.3702**.

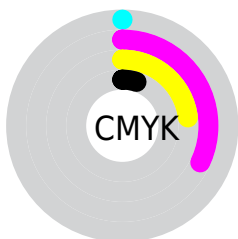
Distribution



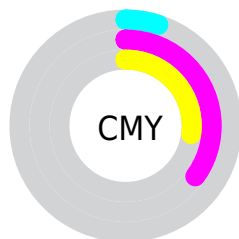
- Red (95%)
- Green (65%)
- Blue (73%)



- Red (95%)
- Yellow (65%)
- Blue (73%)



- Cyan (0%)
- Magenta (32%)
- Yellow (23%)
- Black (5%)





- Cyan (5%)
- Magenta (35%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.0427, 49.3754, 53.4322 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 59.0427, 49.3754, 53.4322 by changing the saturation by 10% instead.


 59.0427, 49.3754,
53.4322


 59.0427, 49.3754,
53.4322


410.9516,
384.2183, 417.0543

 42.8940, 34.9174,
37.7578

 102.5540, 89.2488,
96.6880

 29.9961, 23.5992,
25.4944

 130.6473,
115.4329, 125.1066

 19.9837, 15.0366,
16.2234

163.4528,
146.2944, 158.6102

 12.4914, 8.8451,
9.5263

201.3360,
182.2179, 197.6175

 7.1538, 4.6403,
4.9846

244.6621,
223.5876, 242.5471

 3.6057, 2.0378,
2.1796

293.7965,

 1.4816, 0.6293,

270.7880, 293.8174

0.6626

349.1046,
324.2034, 351.8469

■ 0.3132, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.0427, 49.3754,
53.4322

■ 59.0427, 49.3754,
53.4322

■ 53.3431, 40.7614,
42.9449

■ 65.7937, 59.7348,
65.3702

■ 48.6361, 33.7893,
33.8482

■ 73.6425, 71.9216,
78.8097

■ 44.8636, 28.3554,
26.0822

■ 82.6376, 86.0212,
93.8024

■ 41.9590, 24.3411,
19.5808

■ 90.4281, 97.6173,
108.6837

■ 39.8468, 21.6102,
14.2720

■ 38.4370, 19.9997,
10.0749

■ 37.6964, 19.3086,
7.3919

Harmonies

Analogous

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



57.3772, 49.3754, 71.0997



59.0427, 49.3754, 53.4322



57.2456, 49.3754, 39.0359

Triad

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



59.0427, 49.3754, 53.4322



41.4584, 49.3754, 30.6083



41.6424, 49.3754, 86.8209

Complementary

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



59.0427, 49.3754, 53.4322



60.1896, 76.6721, 79.3408

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.



37.9343, 49.3754, 71.7904



59.0427, 49.3754, 53.4322



37.8344, 49.3754, 39.4993

Square

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



59.0427, 49.3754, 53.4322



46.8147, 49.3754, 27.6445



36.5984, 49.3754, 54.0920



47.0451, 49.3754, 92.6334

Rectangle

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



59.0427, 49.3754, 53.4322



54.4050, 49.3754, 32.5934



36.5984, 49.3754, 54.0920



40.1728, 49.3754, 82.5442

Sweetspot

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



59.0441, 49.3777, 53.4332



84.6525, 83.6776, 91.6456



58.6673, 48.3682, 90.2486



17.8290, 17.4573, 19.1275



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.



59.0441, 49.3777, 53.4332



62.3236, 49.2837, 52.5605



59.8133, 54.4004, 42.9481



15.9584, 15.8331, 17.3374



20.3015, 10.3930, 4.2381



1.7302, 0.8811, 0.5701

Inverse Universe

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



59.0441, 49.3777, 53.4332



62.3236, 49.2837, 52.5605



58.9056, 69.1313, 94.2437



15.9584, 15.8331, 17.3374



20.3015, 10.3930, 4.2381



1.7302, 0.8811, 0.5701

Previews

White Background



This preview shows how the XYZ color 59.0427, 49.3754, 53.4322 looks on a white background.

Color Contrast Check

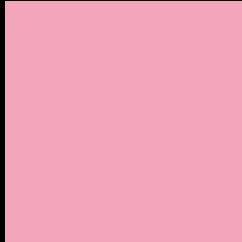
Large Text (above 18pt) WCAG AA × Fail

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 59.0427, 49.3754, 53.4322 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 59.0427, 49.3754, 53.4322

Background



This preview shows how black text looks on a background with the XYZ color 59.0427, 49.3754, 53.4322.



This preview shows how white text looks on a background with the XYZ color 59.0427, 49.3754,

53.4322.

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

59.0427, 49.3754, 53.4322

Protanopia

48.3612, 49.8061, 61.0975

Deuteranopia

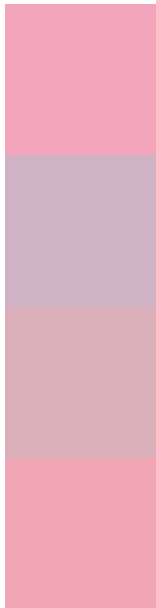
50.6292, 49.6303, 52.2585



Tritanopia

58.0485, 49.2279, 49.0903

Trichromacy



Original Color

59.0427, 49.3754, 53.4322

Protanomaly

51.5028, 49.0463, 58.3822

Deuteranomaly

53.3003, 49.2228, 52.5907

Tritanomaly

58.3553, 49.3506, 50.7059

Monochromacy



Original Color

59.0427, 49.3754, 53.4322

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

52.6006, 50.8752, 55.7628

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.0427, 49.3754, 53.4322 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(242, 165, 187)` looks like.

```
.text, #text, p{  
    color:rgb(242, 165, 187)  
}
```

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(242, 165, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 165, 187) }
```

Border

The CSS property to change the border of an element to XYZ 59.0427, 49.3754, 53.4322 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(242, 165, 187) }
```


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

```
.border{ border-color:rgb(242, 165, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 165, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 165, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 165, 187);  
box-shadow:4px 4px 4px 4px rgb(242, 165,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 59.0427, 49.3754, 53.4322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 165, 187) }
```

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

```
.background{ background-color: rgb(242,  
165, 187) }
```

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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