

Converting Colors

XYZ(63.2503, 54.4238, 49.8190)

Have a look what the booklet for
XYZ(63.2503, 54.4238, 49.8190)
contains.

XYZ(63.2503, 54.4238, 49.8190)	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(63.2503, 54.4238,
49.8190)**

Conversions

Conversions Part 1

Format	Color
Hex	FBAFB3
RGB	251, 175, 179
RGB Percent	98%, 69%, 70%
CMY	0.0157, 0.3137, 0.2980
CMYK	0.00, 0.30, 0.29, 0.02
HSL	357°, 90%, 84%
HSV	357°, 30%, 98%
XYZ	63.2503, 54.4238, 49.8190
YIQ	198.1800, 44.0120, 17.3560

Conversions

Conversions Part 2

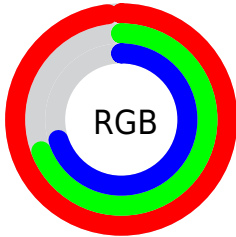
Format	Color
R _Y B	251, 175, 179
Decimal	16494515
CIE Lab	78.71, 28.30, 9.18
CIE LCh	79, 29.753, 17.964
Yxy	54.4238, 0.3776, 0.3249
Android (android.graphics.Color)	4294684595 (0xFFFBAFB3)
YUV	198.1800, -9.4557, 46.3231
Hunter-Lab	73.7725, 23.9386, 11.6019

Details

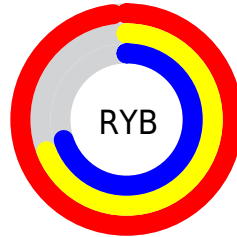
The XYZ color **63.2503, 54.4238, 49.8190** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.9672, 84.8250, 100.7379**, and the grayscale version is **53.8241, 56.6272, 61.6670**.

A 20% lighter version of the original color is **84.8113, 84.4100, 90.4200**, and **32.7177, 26.7629, 23.1800** is the 20% darker color. If you saturate the color by 10%, you get **56.6101, 44.6660, 36.7453**, and if you desaturate by 10%, it is **71.2162, 66.1685, 65.3819**.

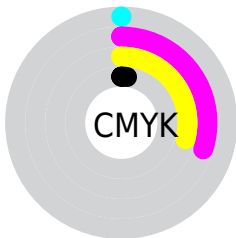
Distribution



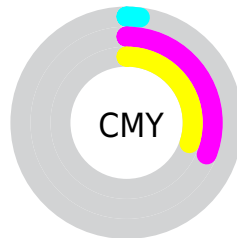
- Red (98%)
- Green (69%)
- Blue (70%)



- Red (98%)
- Yellow (69%)
- Blue (70%)



- Cyan (0%)
- Magenta (30%)
- Yellow (29%)
- Black (2%)





- Cyan (2%)
- Magenta (31%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.2503, 54.4238, 49.8190 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 63.2503, 54.4238, 49.8190 by changing the saturation by 10% instead.

 63.2503, 54.4238,
49.8190

 63.2503, 54.4238,
49.8190


426.1226,
403.7240, 402.6725

 46.3031, 38.9406,
34.8994


 108.6103, 96.6962,
91.3002

 32.6907, 26.7135,
23.3025


137.7539,
124.2542, 118.6989

 22.0477, 17.3582,
14.6096


171.6936,
156.6059, 151.0944

 14.0088, 10.4902,
8.4023

210.7949,
194.1357, 188.9052

 8.2085, 5.7252,
4.2620

255.4231,
237.2281, 232.5498

 4.2816, 2.6787,
1.7701


305.9435,

 1.8626, 0.9664,


286.2673, 282.4469


0.4082


362.7216,
341.6378, 339.0150


 0.5550, 0.0000,
0.0000


 0.0000, 0.0000,
0.0000


 63.2503, 54.4238,
49.8190


 63.2503, 54.4238,
49.8190


 56.6101, 44.6660,
36.7453


 71.2162, 66.1685,
65.3819

 51.2195, 36.7781,
26.0288

 80.5696, 79.9932,
83.5505

 47.0015, 30.6428,
17.5300

 91.3738, 95.9947,
104.4375

 43.8687, 26.1264,
11.0935

 93.5938, 99.2493,
108.8318

■ 41.7216, 23.0758,
6.5437

■ 40.4422, 21.3088,
3.6761

■ 39.8577, 20.5389,
2.2511

Harmonies

Analogous

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



63.5971, 54.4238, 66.2729



63.2503, 54.4238, 49.8190



59.6772, 54.4238, 38.3090

Triad

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



63.2503, 54.4238, 49.8190



43.7743, 54.4238, 40.1073



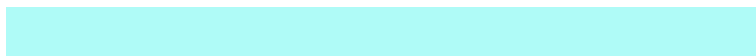
49.4053, 54.4238, 96.9188

Complementary

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



63.2503, 54.4238, 49.8190



68.9672, 84.8250, 100.7379

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.



44.5184, 54.4238, 86.7191



63.2503, 54.4238, 49.8190



41.4363, 54.4238, 52.7570

Square

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



63.2503, 54.4238, 49.8190



48.3177, 54.4238, 33.4775



41.6979, 54.4238, 69.8203



55.2955, 54.4238, 95.7203

Rectangle

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



63.2503, 54.4238, 49.8190



56.0888, 54.4238, 34.0184



41.6979, 54.4238, 69.8203



47.5996, 54.4238, 94.6405

Sweetspot

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



63.2518, 54.4264, 49.8201



84.8553, 84.8992, 89.1979



70.7267, 57.2083, 98.5817



17.8347, 17.6868, 18.4569



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.



63.2518, 54.4264, 49.8201



61.4430, 50.3536, 43.5393



70.0628, 68.6857, 50.1256



17.2816, 17.2400, 18.0726



20.9663, 10.8022, 1.2649



1.9544, 1.0055, 0.1835

Inverse Universe

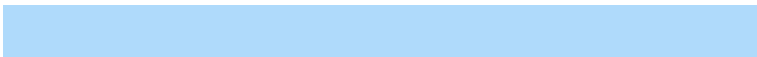
The Inverse Universe completely reimagines the original color for something new.



63.2518, 54.4264, 49.8201



61.4430, 50.3536, 43.5393



60.1827, 66.2586, 100.8843



17.2816, 17.2400, 18.0726



20.9663, 10.8022, 1.2649



1.9544, 1.0055, 0.1835

Previews

White Background



This preview shows how the XYZ color 63.2503, 54.4238, 49.8190 looks on a white background.

Color Contrast Check

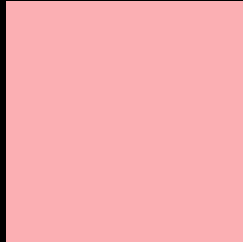
Large Text (above 18pt) WCAG AA × Fail

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 63.2503, 54.4238, 49.8190 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 63.2503, 54.4238, 49.8190

Background



This preview shows how black text looks on a background with the XYZ color 63.2503, 54.4238, 49.8190.



This preview shows how white text looks on a background with the XYZ color 63.2503, 54.4238,

49.8190.

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

63.2503, 54.4238, 49.8190

Protanopia

52.4055, 54.5806, 56.4882

Deuteranopia

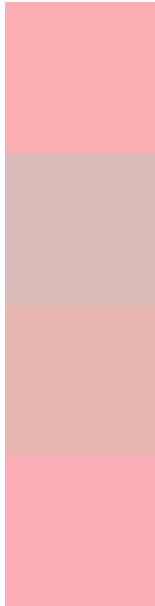
55.7378, 54.5129, 49.1793



Tritanopia

64.2506, 54.5554, 54.1576

Trichromacy



Original Color

63.2503, 54.4238, 49.8190

Protanomaly

55.8467, 54.1459, 53.9621

Deuteranomaly

58.2481, 54.2371, 49.5183

Tritanomaly

63.9327, 54.4282, 52.4835

Monochromacy



Original Color

63.2503, 54.4238, 49.8190

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

56.4327, 55.3402, 56.9976

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.2503, 54.4238, 49.8190 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(251, 175, 179)` looks like.

```
.text, #text, p{  
    color:rgb(251, 175, 179)  
}
```

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(251, 175, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 175, 179) }
```

Border

The CSS property to change the border of an element to XYZ 63.2503, 54.4238, 49.8190 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(251, 175, 179) }
```


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

```
.border{ border-color:rgb(251, 175, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 175, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 175, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 175, 179);  
box-shadow:4px 4px 4px 4px rgb(251, 175,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 63.2503, 54.4238, 49.8190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 175, 179) }
```

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

```
.background{ background-color: rgb(251,  
175, 179) }
```

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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