

Converting Colors

XYZ(62.6268, 53.6113, 49.7926)

Have a look what the booklet for
XYZ(62.6268, 53.6113, 49.7926)
contains.

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Color

**XYZ(62.5046, 53.4658,
49.6734)**

Conversions

Conversions Part 1

Format	Color
Hex	FAADB3
RGB	250, 173, 179
RGB Percent	98%, 68%, 70%
CMY	0.0196, 0.3215, 0.2980
CMYK	0.00, 0.31, 0.28, 0.02
HSL	355°, 89%, 83%
HSV	355°, 31%, 98%
XYZ	62.5046, 53.4658, 49.6734
YIQ	196.7070, 43.9660, 18.1900

Conversions

Conversions Part 2

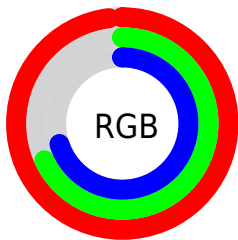
Format	Color
R _Y B	250, 173, 179
Decimal	16428467
CIE Lab	78.15, 28.99, 8.36
CIE LCh	78, 30.172, 16.091
Yxy	53.4658, 0.3773, 0.3228
Android (android.graphics.Color)	4294618547 (0xFFFAADB3)
YUV	196.7070, -8.7296, 46.7380
Hunter-Lab	73.1203, 24.6246, 10.9063

Details

The XYZ color **62.5046, 53.4658, 49.6734** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **67.7506, 83.7884, 98.1942**, and the grayscale version is **52.9279, 55.6843, 60.6402**.

A 20% lighter version of the original color is **84.2547, 83.2968, 90.2344**, and **32.2206, 26.1458, 23.0871** is the 20% darker color. If you saturate the color by 10%, you get **56.0117, 43.9044, 36.9515**, and if you desaturate by 10%, it is **70.2871, 64.9820, 64.7493**.

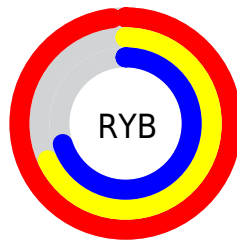
Distribution



Red (98%)

Green (68%)

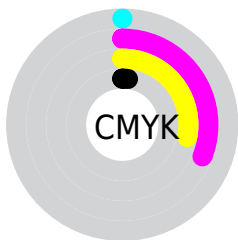
Blue (70%)



Red (98%)

Yellow (68%)

Blue (70%)

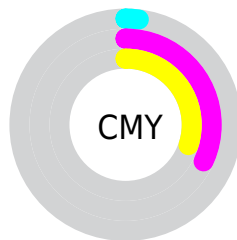


Cyan (0%)

Magenta (31%)

Yellow (28%)

Black (2%)



Cyan (2%)

Magenta (32%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.5046, 53.4658, 49.6734 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 62.5046, 53.4658, 49.6734 by changing the saturation by 10% instead.

62.5046, 53.4658,
49.6734

62.5046, 53.4658,
49.6734

423.4576,
400.0697, 402.0858

45.6977, 38.1747,
34.7846

107.5403, 95.2894,
91.0821

32.2109, 26.1183,
23.2148

136.4998,
122.5908, 118.4391

21.6790, 16.9122,
14.5454

170.2409,
154.6644, 150.7892

13.7365, 10.1719,
8.3579

209.1290,
191.8946, 188.5510

8.0181, 5.5131,
4.2338

253.5293,
234.6659, 232.1430

4.1584, 2.5513,
1.7544

303.8073,

1.7922, 0.9023,

283.3625, 281.9838

0.3976

360.3283,
338.3690, 338.4919

■ 0.5129, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.5046, 53.4658,
49.6734

■ 62.5046, 53.4658,
49.6734

■ 56.0117, 43.9044,
36.9515

■ 70.2871, 64.9820,
64.7493

■ 50.7345, 36.1821,
26.4619

■ 79.4192, 78.5450,
82.2864

■ 46.5985, 30.1829,
18.0763

■ 89.9622, 94.2501,
102.3891

■ 43.5190, 25.7746,
11.6526

■ 93.2345, 99.0641,
108.8150

■ 41.3995, 22.8056,
7.0308

■ 40.1257, 21.0950,
4.0256

■ 39.5460, 20.3727,
2.4852

Harmonies

Analogous

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



62.6330, 53.4658, 66.3718



62.5046, 53.4658, 49.6734



59.0905, 53.4658, 37.8204

Triad

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



62.5046, 53.4658, 49.6734



43.0813, 53.4658, 38.4801



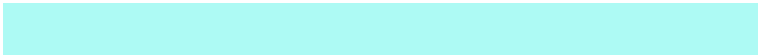
48.1415, 53.4658, 95.7516

Complementary

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



62.5046, 53.4658, 49.6734



67.7506, 83.7884, 98.1942

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.



43.3554, 53.4658, 84.8733



62.5046, 53.4658, 49.6734



40.5903, 53.4658, 50.7558

Square

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



62.5046, 53.4658, 49.6734



47.7403, 53.4658, 32.2641



40.6866, 53.4658, 67.6840



54.0244, 53.4658, 95.3063

Rectangle

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



62.5046, 53.4658, 49.6734



55.5511, 53.4658, 33.2962



40.6866, 53.4658, 67.6840



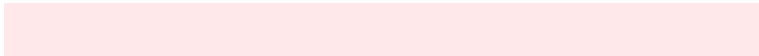
46.3610, 53.4658, 93.2193

Sweetspot

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



62.5060, 53.4683, 49.6745



84.9386, 84.9325, 89.6360



69.3642, 55.9505, 97.5864



17.8550, 17.6949, 18.5637



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.



62.5060, 53.4683, 49.6745



60.9913, 49.4546, 43.3751



68.8201, 67.0458, 48.8523



17.2994, 17.2471, 18.1666



20.9960, 10.8141, 1.4213



1.9629, 1.0089, 0.2281

Inverse Universe

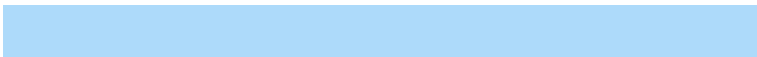
The Inverse Universe completely reimagines the original color for something new.



62.5060, 53.4683, 49.6745



60.9913, 49.4546, 43.3751



59.5409, 65.8882, 100.0223



17.2994, 17.2471, 18.1666



20.9960, 10.8141, 1.4213



1.9629, 1.0089, 0.2281

Previews

White Background



This preview shows how the XYZ color 62.5046, 53.4658, 49.6734 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 62.5046, 53.4658, 49.6734 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 62.5046, 53.4658, 49.6734

Background



This preview shows how black text looks on a background with the XYZ color 62.5046, 53.4658, 49.6734.



This preview shows how white text looks on a background with the XYZ color 62.5046, 53.4658,

49.6734.

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

62.5046, 53.4658, 49.6734

Protanopia

51.6529, 53.8634, 56.3895

Deuteranopia

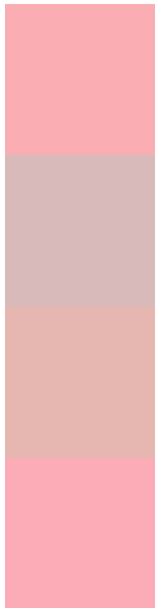
54.8202, 53.7353, 48.5569



Tritanopia

63.2931, 53.5171, 52.8929

Trichromacy



Original Color

62.5046, 53.4658, 49.6734

Protanomaly

55.0371, 53.4147, 53.8637

Deuteranomaly

57.2969, 53.4532, 48.8926

Tritanomaly

63.0834, 53.4332, 51.7885

Monochromacy



Original Color

62.5046, 53.4658, 49.6734

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

55.5964, 54.2831, 56.2626

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.5046, 53.4658, 49.6734 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(250, 173, 179)` looks like.

```
.text, #text, p{  
    color:rgb(250, 173, 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(250, 173, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 173, 179) }
```

Border

The CSS property to change the border of an element to XYZ 62.5046, 53.4658, 49.6734 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(250, 173, 179) }
```


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

```
.border{ border-color:rgb(250, 173, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 173, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 173, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 173, 179);  
box-shadow:4px 4px 4px 4px rgb(250, 173,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 62.5046, 53.4658, 49.6734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 173, 179) }
```

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

```
.background{ background-color: rgb(250,  
173, 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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