

Converting Colors

XYZ(68.7186, 56.1894, 49.7923)

Have a look what the booklet for
XYZ(68.7186, 56.1894, 49.7923)
contains.

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Color

**XYZ(63.9396, 53.6405,
49.6315)**

Conversions

Conversions Part 1

Format	Color
Hex	FFABB3
RGB	255, 171, 179
RGB Percent	100%, 67%, 70%
CMY	0.0000, 0.3294, 0.2980
CMYK	0.00, 0.33, 0.30, 0.00
HSL	354°, 100%, 84%
HSV	354°, 33%, 100%
XYZ	63.9396, 53.6405, 49.6315
YIQ	197.0280, 47.4960, 20.2960

Conversions

Conversions Part 2

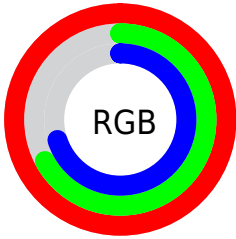
Format	Color
R _Y B	255, 171, 179
Decimal	16755635
CIE Lab	78.25, 31.85, 8.58
CIE LCh	78, 32.986, 15.081
Yxy	53.6405, 0.3824, 0.3208
Android (android.graphics.Color)	4294945715 (0xFFFFABB3)
YUV	197.0280, -8.8878, 50.8414
Hunter-Lab	73.2397, 27.6644, 11.0894

Details

The XYZ color **63.9396, 53.6405, 49.6315** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **69.3453, 86.8944, 101.1174**, and the grayscale version is **53.1210, 55.8874, 60.8614**.

A 20% lighter version of the original color is **83.7045, 82.1963, 90.0510**, and **33.0093, 26.1990, 23.0558** is the 20% darker color. If you saturate the color by 10%, you get **57.4377, 44.0638, 36.8986**, and if you desaturate by 10%, it is **71.7638, 65.2365, 64.7327**.

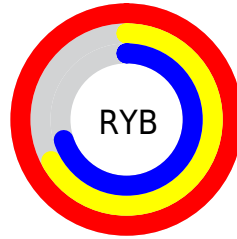
Distribution



Red (100%)

Green (67%)

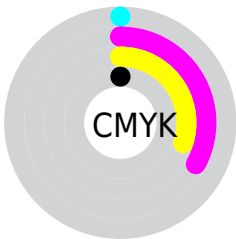
Blue (70%)



Red (100%)

Yellow (67%)

Blue (70%)

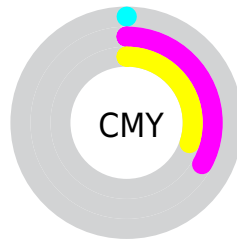


Cyan (0%)

Magenta (33%)

Yellow (30%)

Black (0%)



Cyan (0%)


Magenta (33%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.9396, 53.6405, 49.6315 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 63.9396, 53.6405, 49.6315 by changing the saturation by 10% instead.


 63.9396, 53.6405,
49.6315

 63.9396, 53.6405,
49.6315


428.5772,
400.7376, 401.9168

 46.8633, 38.3143,
34.7516


 109.5982, 95.5462,
91.0193

 33.1351, 26.2267,
23.1895

138.9111,
122.8945, 118.3643

 22.3897, 16.9933,
14.5269


173.0336,
155.0190, 150.7013

 14.2617, 10.2297,
8.3451

212.3310,
192.3040, 188.4490

 8.3858, 5.5515,
4.2256

257.1688,
235.1340, 232.0259

 4.3967, 2.5744,
1.7499


307.9121,

 1.9289, 0.9138,


283.8933, 281.8504


0.3946


364.9265,
338.9664, 338.3412


 0.5936, 0.0000,
0.0000

 0.0000, 0.0000,
0.0000

 63.9396, 53.6405,
49.6315


 63.9396, 53.6405,
49.6315


 57.4377, 44.0638,
36.8986

 71.7638, 65.2365,
64.7327

 52.1809, 36.3840,
26.4106

 80.9737, 78.9503,
82.3105

 48.0905, 30.4769,
18.0379

 91.6333, 94.8827,
102.4704

 45.0770, 26.2004,
11.6362

95.0500, 100.0000,
108.9000

■ 43.0375, 23.3909,
7.0431

■ 41.8491, 21.8499,
4.0699

■ 41.4077, 21.3271,
2.8131

Harmonies

Analogous

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



63.9502, 53.6405, 68.0490



63.9396, 53.6405, 49.6315



60.2652, 53.6405, 36.6668

Triad

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



63.9396, 53.6405, 49.6315



42.6856, 53.6405, 36.7190



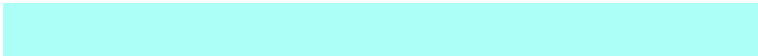
47.8528, 53.6405, 99.9554

Complementary

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



63.9396, 53.6405, 49.6315



69.3453, 86.8944, 101.1174

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.



42.7077, 53.6405, 87.3841



63.9396, 53.6405, 49.6315



39.9003, 53.6405, 49.7188

Square

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



63.9396, 53.6405, 49.6315



47.8202, 53.6405, 30.3546



39.9080, 53.6405, 68.1568



54.2837, 53.6405, 99.9181

Rectangle

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



63.9396, 53.6405, 49.6315



56.3973, 53.6405, 31.7232



39.9080, 53.6405, 68.1568



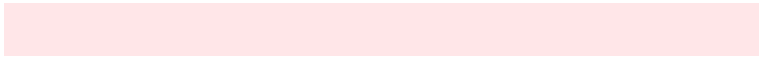
45.9281, 53.6405, 96.9637

Sweetspot

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



63.9410, 53.6430, 49.6326



83.9530, 83.3978, 87.9623



70.8312, 56.0499, 101.6932



17.6610, 17.3901, 18.2430



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.



63.9410, 53.6430, 49.6326



59.2160, 46.6764, 40.4020



70.3280, 67.6739, 47.8870



18.0796, 18.0151, 19.0363



21.6596, 11.1532, 1.5922



2.1314, 1.0949, 0.2733

Inverse Universe

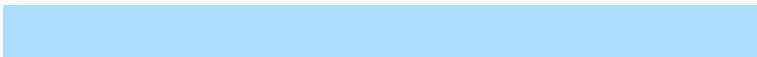
The Inverse Universe completely reimagines the original color for something new.



63.9410, 53.6430, 49.6326



59.2160, 46.6764, 40.4020



60.8089, 67.8044, 104.4903



18.0796, 18.0151, 19.0363



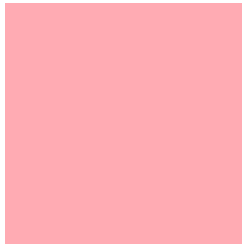
21.6596, 11.1532, 1.5922



2.1314, 1.0949, 0.2733

Previews

White Background



This preview shows how the XYZ color 63.9396, 53.6405, 49.6315 looks on a white background.

Color Contrast Check

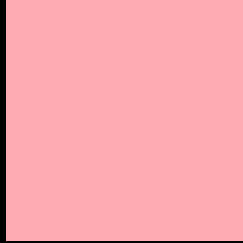
Large Text (above 18pt) WCAG AA × Fail

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 63.9396, 53.6405, 49.6315 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 63.9396, 53.6405, 49.6315

Background



This preview shows how black text looks on a background with the XYZ color 63.9396, 53.6405, 49.6315.



This preview shows how white text looks on a background with the XYZ color 63.9396, 53.6405,

49.6315.

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

63.9396, 53.6405, 49.6315

Protanopia

51.7626, 53.9073, 56.9672

Deuteranopia

54.8202, 53.7353, 48.5569



Tritanopia

64.3502, 53.8047, 51.7935

Trichromacy



Original Color

63.9396, 53.6405, 49.6315

Protanomaly

55.5320, 53.3458, 54.3836

Deuteranomaly

57.7384, 53.3779, 48.8548

Tritanomaly

64.2464, 53.7632, 51.2472

Monochromacy



Original Color

63.9396, 53.6405, 49.6315

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

56.1909, 54.5896, 56.2905

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.9396, 53.6405, 49.6315 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(255, 171, 179)` looks like.

```
.text, #text, p{  
    color:rgb(255, 171, 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(255, 171, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 171, 179) }
```

Border

The CSS property to change the border of an element to XYZ 63.9396, 53.6405, 49.6315 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(255, 171, 179) }
```


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

```
.border{ border-color:rgb(255, 171, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 171, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 171, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 171, 179);  
box-shadow:4px 4px 4px 4px rgb(255, 171,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 63.9396, 53.6405, 49.6315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 171, 179) }
```

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

```
.background{ background-color: rgb(255,  
171, 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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