

Converting Colors

XYZ(63.5129, 52.0123, 49.2632)

Have a look what the booklet for
XYZ(63.5129, 52.0123, 49.2632)
contains.

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Color

**XYZ(63.0129, 51.7871,
49.3226)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA6B3
RGB	255, 166, 179
RGB Percent	100%, 65%, 70%
CMY	0.0000, 0.3490, 0.2980
CMYK	0.00, 0.35, 0.30, 0.00
HSL	351°, 100%, 83%
HSV	351°, 35%, 100%
XYZ	63.0129, 51.7871, 49.3226
YIQ	194.0930, 48.8710, 22.9110

Conversions

Conversions Part 2

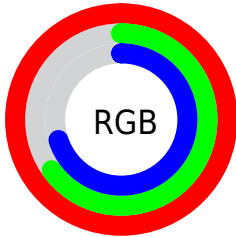
Format	Color
R_{YB}	255, 166, 179
Decimal	16754355
CIE _{Lab}	77.15, 34.46, 7.01
CIE _{LCh}	77, 35.163, 11.498
Yxy	51.7871, 0.3839, 0.3155
Android (android.graphics.Color)	4294944435 (0xFFFFA6B3)
YUV	194.0930, -7.4408, 53.4154
Hunter-Lab	71.9633, 30.3636, 9.7377

Details

The XYZ color **63.0129, 51.7871, 49.3226** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **67.5151, 86.0388, 97.0574**, and the grayscale version is **51.3568, 54.0314, 58.8402**.

A 20% lighter version of the original color is **82.3567, 79.5007, 89.6018**, and **32.4360, 25.0524, 22.8647** is the 20% darker color. If you saturate the color by 10%, you get **56.7973, 42.6066, 37.2293**, and if you desaturate by 10%, it is **70.4979, 62.9495, 63.5562**.

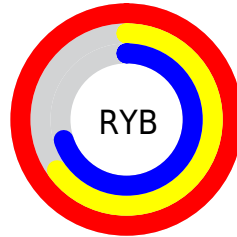
Distribution



Red (100%)

Green (65%)

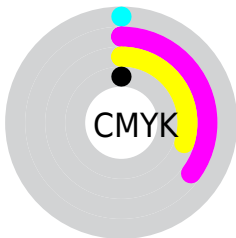
Blue (70%)



Red (100%)

Yellow (65%)

Blue (70%)

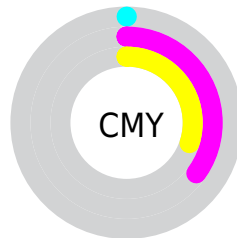


Cyan (0%)

Magenta (35%)

Yellow (30%)

Black (0%)



Cyan (0%)


Magenta (35%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.0129, 51.7871, 49.3226 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 63.0129, 51.7871, 49.3226 by changing the saturation by 10% instead.


 63.0129, 51.7871,
49.3226


 63.0129, 51.7871,
49.3226


425.2752,
393.6141, 400.6699

 46.1103, 36.8354,
34.5080


 108.2698, 92.8172,
90.5563

 32.5379, 25.0801,
23.0037


 137.3549,
119.6644, 117.8126

 21.9302, 16.1367,
14.3909


171.2315,
151.2455, 150.0532

 13.9219, 9.6210,
8.2512

210.2650,
187.9450, 187.6967

 8.1477, 5.1484,
4.1660

254.8208,
230.1472, 231.1615

 4.2422, 2.3346,
1.7169

305.2642,

 1.8401, 0.7919,

278.2365, 280.8663

0.3722

361.9605,
332.5974, 337.2296

■ 0.5416, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.0129, 51.7871,
49.3226

■ 63.0129, 51.7871,
49.3226

■ 56.7973, 42.6066,
37.2293

■ 70.4979, 62.9495,
63.5562

■ 51.7763, 35.2849,
27.1692

■ 79.3138, 76.1928,
80.0238

■ 47.8733, 29.6968,
19.0306

■ 89.5225, 91.6180,
98.8172

■ 45.0009, 25.6984,
12.6896

95.0500, 100.0000,
108.9000

■ 43.0587, 23.1225,
8.0076

■ 41.9246, 21.7642,
4.8247

■ 41.5776, 21.3950,
3.7079

Harmonies

Analogous

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



62.5320, 51.7871, 68.9758



63.0129, 51.7871, 49.3226



59.5569, 51.7871, 35.2357

Triad

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



63.0129, 51.7871, 49.3226



41.1412, 51.7871, 32.9484



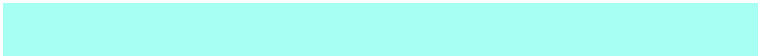
45.2313, 51.7871, 99.3049

Complementary

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



63.0129, 51.7871, 49.3226



67.5151, 86.0388, 97.0574

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.



40.1579, 51.7871, 84.6586



63.0129, 51.7871, 49.3226



37.9490, 51.7871, 45.4320

Square

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



63.0129, 51.7871, 49.3226



46.6892, 51.7871, 27.3244



37.6062, 51.7871, 64.0964



51.8450, 51.7871, 101.0227

Rectangle

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



63.0129, 51.7871, 49.3226



55.6545, 51.7871, 29.7010



37.6062, 51.7871, 64.0964



43.3054, 51.7871, 95.5976

Sweetspot

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



63.0142, 51.7895, 49.3236



84.1378, 83.4717, 88.9354



68.1857, 53.3104, 101.3039



17.7054, 17.4079, 18.4763



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.



63.0142, 51.7895, 49.3236



58.4735, 45.0721, 40.5217



68.1248, 64.0160, 44.8453



18.1174, 18.0303, 19.2355



21.7575, 11.1923, 2.1075



2.1491, 1.1020, 0.3667

Inverse Universe

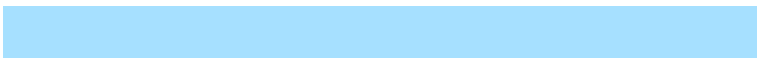
The Inverse Universe completely reimagines the original color for something new.



63.0142, 51.7895, 49.3236



58.4735, 45.0721, 40.5217



60.3932, 68.5596, 104.6580



18.1174, 18.0303, 19.2355



21.7575, 11.1923, 2.1075



2.1491, 1.1020, 0.3667

Previews

White Background



This preview shows how the XYZ color 63.0129, 51.7871, 49.3226 looks on a white background.

Color Contrast Check

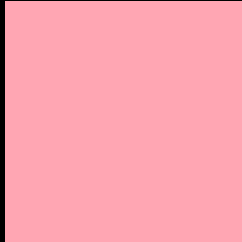
Large Text (above 18pt) WCAG AA × Fail

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 63.0129, 51.7871, 49.3226 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 63.0129, 51.7871, 49.3226

Background



This preview shows how black text looks on a background with the XYZ color 63.0129, 51.7871, 49.3226.



This preview shows how white text looks on a background with the XYZ color 63.0129, 51.7871,

49.3226.

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

63.0129, 51.7871, 49.3226

Protanopia

50.1760, 52.1020, 57.2813

Deuteranopia

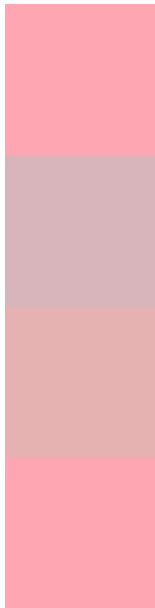
53.0013, 51.8626, 48.2913



Tritanopia

63.0129, 51.7871, 49.3226

Trichromacy



Original Color

63.0129, 51.7871, 49.3226

Protanomaly

53.8124, 51.2345, 54.0667

Deuteranomaly

56.2911, 51.4416, 48.5573

Tritanomaly

63.0129, 51.7871, 49.3226

Monochromacy



Original Color

63.0129, 51.7871, 49.3226

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

54.6447, 52.5540, 55.4080

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.0129, 51.7871, 49.3226 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, 166, 179)` looks like.

```
.text, #text, p{  
    color:rgb(255, 166, 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, 166, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 166, 179) }
```

Border

The CSS property to change the border of an element to XYZ 63.0129, 51.7871, 49.3226 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, 166, 179) }
```


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

```
.border{ border-color:rgb(255, 166, 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, 166, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 166, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 166, 179);  
box-shadow:4px 4px 4px 4px rgb(255, 166,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 63.0129, 51.7871, 49.3226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 166, 179) }
```

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

```
.background{ background-color: rgb(255,  
166, 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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