

Converting Colors

XYZ(63.1566, 51.3380, 51.6407)

Have a look what the booklet for
XYZ(63.1566, 51.3380, 51.6407)
contains.

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Color

**XYZ(63.0627, 51.2298,
51.3643)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA4B7
RGB	255, 164, 183
RGB Percent	100%, 64%, 72%
CMY	0.0000, 0.3568, 0.2823
CMYK	0.00, 0.36, 0.28, 0.00
HSL	347°, 100%, 82%
HSV	347°, 36%, 100%
XYZ	63.0627, 51.2298, 51.3643
YIQ	193.3750, 48.1370, 25.2010

Conversions

Conversions Part 2

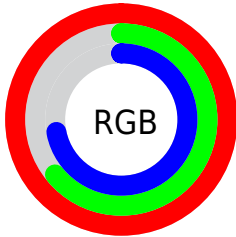
Format	Color
R _Y B	255, 164, 183
Decimal	16753847
CIE Lab	76.82, 36.02, 4.34
CIE LCh	77, 36.278, 6.871
Yxy	51.2298, 0.3807, 0.3093
Android (android.graphics.Color)	4294943927 (0xFFFFA4B7)
YUV	193.3750, -5.1149, 54.0451
Hunter-Lab	71.5750, 32.0150, 7.5543

Details

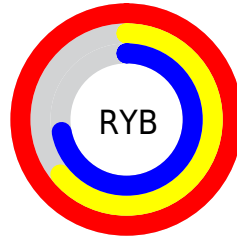
The XYZ color **63.0627, 51.2298, 51.3643** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **66.2123, 85.4697, 92.3685**, and the grayscale version is **50.9197, 53.5715, 58.3394**.

A 20% lighter version of the original color is **82.4132, 78.6784, 92.5042**, and **32.4787, 24.7163, 24.1780** is the 20% darker color. If you saturate the color by 10%, you get **56.9964, 42.2207, 39.7131**, and if you desaturate by 10%, it is **70.3475, 62.1938, 64.9081**.

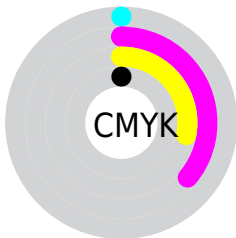
Distribution



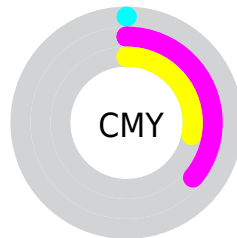
- Red (100%)
- Green (64%)
- Blue (72%)



- Red (100%)
- Yellow (64%)
- Blue (72%)



- Cyan (0%)
- Magenta (36%)
- Yellow (28%)
- Black (0%)




- Cyan (0%)
- Magenta (36%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.0627, 51.2298, 51.3643 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 63.0627, 51.2298, 51.3643 by changing the saturation by 10% instead.

 63.0627, 51.2298,
51.3643


 63.0627, 51.2298,
51.3643


425.4531,
391.4559, 408.8644

 46.1508, 36.3915,
36.1199


 108.3413, 91.9944,
93.6101

 32.5699, 24.7367,
24.2364

 137.4386,
118.6894, 121.4485

 21.9549, 15.8810,
15.2952


171.3285,
150.1056, 154.3219

 13.9401, 9.4400,
8.8779

210.3762,
186.6272, 192.6490

 8.1605, 5.0293,
4.5659

254.9472,
228.6386, 236.8483

 4.2505, 2.2644,
1.9407

305.4068,

 1.8448, 0.7548,

276.5243, 287.3383

0.5184

362.1203,
330.6686, 344.5374

■ 0.5444, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.0627, 51.2298,
51.3643

■ 63.0627, 51.2298,
51.3643

■ 56.9964, 42.2207,
39.7131

■ 70.3475, 62.1938,
64.9081

■ 52.0771, 35.0442,
29.8661

■ 78.9093, 75.2111,
80.4215

■ 48.2314, 29.5755,
21.7320

■ 88.8076, 90.3821,
97.9807

■ 45.3758, 25.6711,
15.2102

95.0500, 100.0000,
108.9000

■ 43.4137, 23.1636,
10.1887

■ 42.2276, 21.8466,
6.5399

■ 41.8879, 21.5192,
5.3419

Harmonies

Analogous

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



61.9177, 51.2298, 72.0482



63.0627, 51.2298, 51.3643



60.0763, 51.2298, 35.9745

Triad

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



63.0627, 51.2298, 51.3643



41.1692, 51.2298, 30.6035



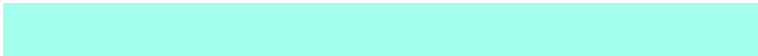
43.6724, 51.2298, 98.4451

Complementary

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



63.0627, 51.2298, 51.3643



66.2123, 85.4697, 92.3685

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.



38.8458, 51.2298, 81.7787



63.0627, 51.2298, 51.3643



37.4987, 51.2298, 42.1667

Square

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



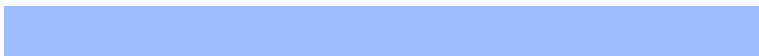
63.0627, 51.2298, 51.3643



47.1249, 51.2298, 25.9582



36.6899, 51.2298, 60.4429



50.2942, 51.2298, 102.5563

Rectangle

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



63.0627, 51.2298, 51.3643



56.2964, 51.2298, 29.6613



36.6899, 51.2298, 60.4429



41.8059, 51.2298, 93.9619

Sweetspot

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



63.0640, 51.2322, 51.3653



83.3756, 82.0429, 88.3866



65.6817, 51.4839, 101.0833



17.5625, 17.1267, 18.4149



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.



63.0640, 51.2322, 51.3653



58.5091, 44.4540, 42.6594



66.3090, 60.6757, 43.3418



18.1645, 18.0491, 19.4832



21.9305, 11.2615, 3.0184



2.1728, 1.1115, 0.4913

Inverse Universe

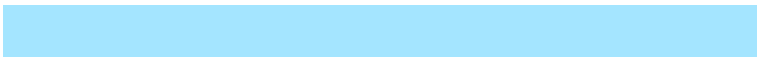
The Inverse Universe completely reimagines the original color for something new.



63.0640, 51.2322, 51.3653



58.5091, 44.4540, 42.6594



61.4410, 71.2728, 105.1265



18.1645, 18.0491, 19.4832



21.9305, 11.2615, 3.0184



2.1728, 1.1115, 0.4913

Previews

White Background



This preview shows how the XYZ color 63.0627, 51.2298, 51.3643 looks on a white background.

Color Contrast Check

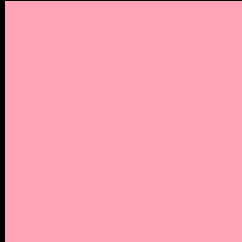
Large Text (above 18pt) WCAG AA × Fail

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 63.0627, 51.2298, 51.3643 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 63.0627, 51.2298, 51.3643

Background



This preview shows how black text looks on a background with the XYZ color 63.0627, 51.2298, 51.3643.



This preview shows how white text looks on a background with the XYZ color 63.0627, 51.2298,

51.3643.

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

63.0627, 51.2298, 51.3643

Protanopia

49.7615, 51.5028, 60.1416

Deuteranopia

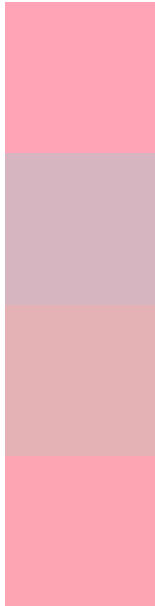
52.5301, 51.5733, 50.3660



Tritanopia

62.2640, 51.1554, 48.1873

Trichromacy



Original Color

63.0627, 51.2298, 51.3643

Protanomaly

53.5672, 50.7444, 56.8405

Deuteranomaly

56.0575, 51.2745, 50.6585

Tritanomaly

62.4649, 51.2358, 49.2451

Monochromacy



Original Color

63.0627, 51.2298, 51.3643

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

54.2322, 51.7289, 55.2705

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.0627, 51.2298, 51.3643 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, 164, 183)` looks like.

```
.text, #text, p{  
    color:rgb(255, 164, 183)  
}
```

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, 164, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 164, 183) }
```

Border

The CSS property to change the border of an element to XYZ 63.0627, 51.2298, 51.3643 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, 164, 183) }
```


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

```
.border{ border-color:rgb(255, 164, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 164, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 164, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 164, 183);  
box-shadow:4px 4px 4px 4px rgb(255, 164,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 63.0627, 51.2298, 51.3643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 164, 183) }
```

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

```
.background{ background-color: rgb(255,  
164, 183) }
```

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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