

Converting Colors

XYZ(67.2131, 62.9621, 42.1687)

Have a look what the booklet for
XYZ(67.2131, 62.9621, 42.1687)
contains.

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Color

**XYZ(67.1881, 62.8634,
42.3109)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC3A1
RGB	255, 195, 161
RGB Percent	100%, 76%, 63%
CMY	0.0000, 0.2353, 0.3686
CMYK	0.00, 0.24, 0.37, 0.00
HSL	22°, 100%, 82%
HSV	22°, 37%, 100%
XYZ	67.1881, 62.8634, 42.3109
YIQ	209.0640, 46.6740, 2.1460

Conversions

Conversions Part 2

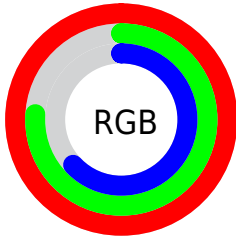
Format	Color
R _Y B	255, 214, 161
Decimal	16761761
CIE Lab	83.37, 17.08, 25.38
CIE LCh	83, 30.595, 56.057
Yxy	62.8634, 0.3898, 0.3647
Android (android.graphics.Color)	4294951841 (0xFFFFC3A1)
YUV	209.0640, -23.6956, 40.2859
Hunter-Lab	79.2864, 12.5114, 23.8606

Details

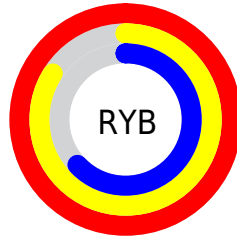
The XYZ color **67.1881, 62.8634, 42.3109** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **58.6035, 66.5076, 104.3562**, and the grayscale version is **60.7759, 63.9410, 69.6317**.

A 20% lighter version of the original color is **88.4451, 95.8387, 78.8029**, and **35.3112, 32.0242, 18.7882** is the 20% darker color. If you saturate the color by 10%, you get **61.7149, 55.1560, 30.5008**, and if you desaturate by 10%, it is **73.5206, 71.5551, 56.6711**.

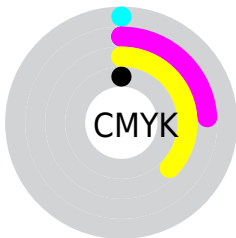
Distribution



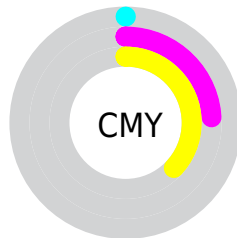
- Red (100%)
- Green (76%)
- Blue (63%)



- Red (100%)
- Yellow (84%)
- Blue (63%)



- Cyan (0%)
- Magenta (24%)
- Yellow (37%)
- Black (0%)





- Cyan (0%)
- Magenta (24%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.1881, 62.8634, 42.3109 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 67.1881, 62.8634, 42.3109 by changing the saturation by 10% instead.


 67.1881, 62.8634,
42.3109


 67.1881, 62.8634,
42.3109


440.0360,
435.0736, 371.6077

 49.5088, 45.7307,
29.0174


 114.2382,
108.9724, 79.9451

 35.2394, 32.0334,
18.8483


 144.3397,
138.7175, 105.1229

 24.0147, 21.3870,
11.3850


179.3126,
173.4356, 135.0993

 15.4694, 13.4072,
6.2090

219.5223,
213.5109, 170.2927

 9.2379, 7.7095,
2.9017

265.3341,
259.3280, 211.1217

 4.9550, 3.9096,
1.0447

317.1134,

 2.2554, 1.6231,

311.2712, 258.0048

0.0000

375.2256,
369.7250, 311.3607

■ 0.7717, 0.3731,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.1881, 62.8634,
42.3109

■ 67.1881, 62.8634,
42.3109

■ 61.7149, 55.1560,
30.5008

■ 73.5206, 71.5551,
56.6711

■ 57.0554, 48.3875,
21.0849

■ 80.7455, 81.2568,
73.7169

■ 53.1668, 42.5216,
13.8962

■ 88.8996, 92.0040,
93.5787

■ 49.9996, 37.5160,
8.7440

95.0500, 100.0000,
108.9000

■ 47.4973, 33.3241,
5.4048

■ 45.5915, 29.8928,
3.5967

■ 45.0887, 28.9574,
3.2129

Harmonies

Analogous

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



72.0063, 62.8634, 53.5704



67.1881, 62.8634, 42.3109



60.6346, 62.8634, 37.9951

Triad

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



67.1881, 62.8634, 42.3109



47.8647, 62.8634, 65.9567



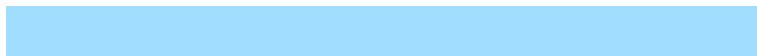
65.5524, 62.8634, 106.9576

Complementary

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



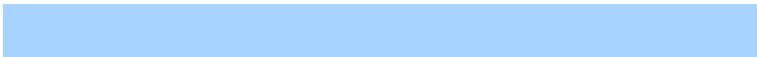
67.1881, 62.8634, 42.3109



58.6035, 66.5076, 104.3562

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.



58.8736, 62.8634, 111.9349



67.1881, 62.8634, 42.3109



48.9695, 62.8634, 85.8517

Square

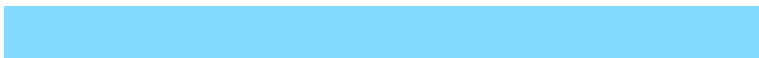
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.1881, 62.8634, 42.3109



49.7447, 62.8634, 49.9461



52.8818, 62.8634, 103.5977



71.0137, 62.8634, 91.0324

Rectangle

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



67.1881, 62.8634, 42.3109



56.2778, 62.8634, 38.9099



52.8818, 62.8634, 103.5977



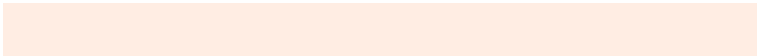
63.3617, 62.8634, 110.0801

Sweetspot

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



67.1897, 62.8664, 42.3122



85.4106, 87.4281, 85.0105



67.1834, 52.0297, 75.6797



18.0443, 18.4008, 17.6180



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.



67.1897, 62.8664, 42.3122



63.1967, 57.2650, 33.6297



79.0989, 86.6848, 46.2819



18.5472, 19.0627, 18.8462



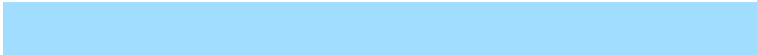
23.6884, 15.3880, 1.7217



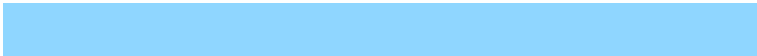
2.4058, 1.6969, 0.2007

Inverse Universe

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



58.6035, 66.5076, 104.3562



53.4937, 61.3430, 103.6287



48.0980, 45.4967, 100.8544



17.9699, 19.3113, 23.0303



16.3988, 17.7073, 51.9881



1.7005, 1.9317, 5.0965

Previews

White Background



This preview shows how the XYZ color 67.1881, 62.8634, 42.3109 looks on a white background.

Color Contrast Check

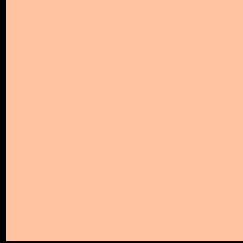
Large Text (above 18pt) WCAG AA × Fail

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 67.1881, 62.8634, 42.3109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

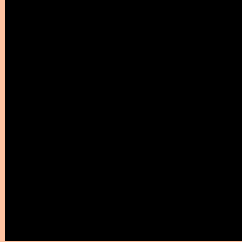
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.1881, 62.8634, 42.3109

Background



This preview shows how black text looks on a background with the XYZ color 67.1881, 62.8634, 42.3109.



This preview shows how white text looks on a background with the XYZ color 67.1881, 62.8634,

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

67.1881, 62.8634, 42.3109

Protanopia

59.3497, 63.2739, 45.6442

Deuteranopia

64.3077, 63.0797, 42.0439



Tritanopia

70.7699, 62.8812, 65.5341

Trichromacy



Original Color

67.1881, 62.8634, 42.3109

Protanomaly

61.7517, 62.7521, 44.4550

Deuteranomaly

65.2506, 62.8827, 41.9562

Tritanomaly

69.1667, 62.5901, 56.0126

Monochromacy



Original Color

67.1881, 62.8634, 42.3109

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

62.4713, 63.1603, 58.7677

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.1881, 62.8634, 42.3109 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, 195, 161)` looks like.

```
.text, #text, p{  
    color:rgb(255, 195, 161)  
}
```

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, 195, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 195, 161) }
```

Border

The CSS property to change the border of an element to XYZ 67.1881, 62.8634, 42.3109 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, 195, 161) }
```


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

```
.border{ border-color:rgb(255, 195, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 195, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 195, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 195, 161);  
box-shadow:4px 4px 4px 4px rgb(255, 195,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 67.1881, 62.8634, 42.3109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 195, 161) }
```

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

```
.background{ background-color: rgb(255,  
195, 161) }
```

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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