

Converting Colors

XYZ(114.5563, 84.9843,
65.2532)

Have a look what the booklet for
XYZ(114.5563, 84.9843, 65.2532)
contains.

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Color

**XYZ(69.8629, 61.8253,
62.8949)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBDC8
RGB	255, 189, 200
RGB Percent	100%, 74%, 78%
CMY	0.0000, 0.2588, 0.2157
CMYK	0.00, 0.26, 0.22, 0.00
HSL	350°, 100%, 87%
HSV	350°, 26%, 100%
XYZ	69.8629, 61.8253, 62.8949
YIQ	209.9880, 35.8050, 17.4130

Conversions

Conversions Part 2

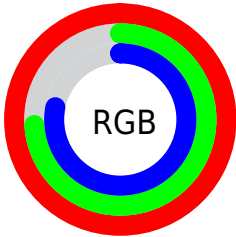
Format	Color
R _Y B	255, 189, 200
Decimal	16760264
CIE Lab	82.82, 25.29, 3.82
CIE LCh	83, 25.575, 8.581
Yxy	61.8253, 0.3590, 0.3177
Android (android.graphics.Color)	4294950344 (0xFFFFBDC8)
YUV	209.9880, -4.9241, 39.4755
Hunter-Lab	78.6291, 20.9986, 7.6146

Details

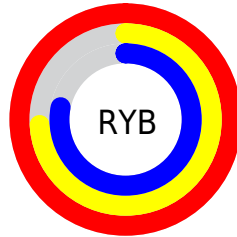
The XYZ color **69.8629, 61.8253, 62.8949** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.0777, 88.8716, 98.8942**, and the grayscale version is **61.2669, 64.4575, 70.1942**.

A 20% lighter version of the original color is **92.2458, 94.3915, 107.9653**, and **36.8782, 31.2736, 31.2868** is the 20% darker color. If you saturate the color by 10%, you get **62.5387, 50.8791, 49.0398**, and if you desaturate by 10%, it is **78.4998, 74.8437, 78.8923**.

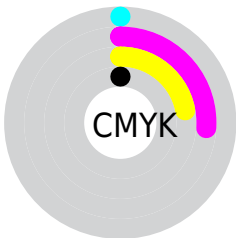
Distribution



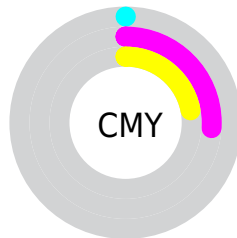
- Red (100%)
- Green (74%)
- Blue (78%)



- Red (100%)
- Yellow (74%)
- Blue (78%)



- Cyan (0%)
- Magenta (26%)
- Yellow (22%)
- Black (0%)





- Cyan (0%)
- Magenta (26%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.8629, 61.8253, 62.8949 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 69.8629, 61.8253, 62.8949 by changing the saturation by 10% instead.


 69.8629, 61.8253,
62.8949

 69.8629, 61.8253,
62.8949


449.3424,
431.2936, 453.2854

 51.6940, 44.8916,
45.3157


 118.0406,
107.4730, 110.6020

 36.9845, 31.3720,
31.3614


148.7800,
136.9557, 141.5670

 25.3691, 20.8823,
20.6135


184.4403,
171.3903, 177.8310

 16.4825, 13.0380,
12.6533

225.3868,
211.1610, 219.8126

 9.9592, 7.4547,
7.0623

271.9850,
256.6523, 267.9303

 5.4340, 3.7481,
3.4221

324.6000,

 2.5414, 1.5337,

308.2485, 322.6026

1.3140

383.5974,
366.3342, 384.2481

■ 0.9162, 0.3122,
0.0732

■ 0.0000, 0.0000,
0.0000

■ 69.8629, 61.8253,
62.8949

■ 69.8629, 61.8253,
62.8949

■ 62.5387, 50.8791,
49.0398

■ 78.4998, 74.8437,
78.8923

■ 56.4578, 41.8901,
37.2318

■ 88.5048, 90.0250,
97.1139

■ 51.5517, 34.7450,
27.3740

95.0500, 100.0000,
108.9000

■ 47.7429, 29.3151,
19.3603

■ 44.9448, 25.4554,
13.0740

■ 43.0569, 22.9965,
8.3849

■ 41.9570, 21.7293,
5.1427

■ 41.6667, 21.4307,
4.1767

Harmonies

Analogous

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



69.1777, 61.8253, 79.0054



69.8629, 61.8253, 62.8949



67.4319, 61.8253, 50.1275

Triad

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



69.8629, 61.8253, 62.8949



52.4064, 61.8253, 46.2921



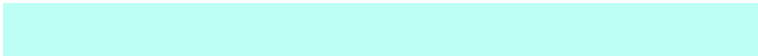
54.9818, 61.8253, 99.6642

Complementary

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



69.8629, 61.8253, 62.8949



73.0777, 88.8716, 98.8942

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.



50.8711, 61.8253, 88.0461



69.8629, 61.8253, 62.8949



49.4500, 61.8253, 56.8428

Square

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



69.8629, 61.8253, 62.8949



57.1979, 61.8253, 41.5717



48.9060, 61.8253, 71.9422



60.3565, 61.8253, 101.9605

Rectangle

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



69.8629, 61.8253, 62.8949



64.4553, 61.8253, 44.6205



48.9060, 61.8253, 71.9422



53.4163, 61.8253, 96.6412

Sweetspot

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



69.8644, 61.8281, 62.8962



86.2664, 86.6208, 93.0608



73.5575, 62.8511, 102.8623



18.1328, 18.0364, 19.3166



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.



69.8644, 61.8281, 62.8962



65.9539, 55.9704, 55.5399



73.7213, 71.5250, 58.0678



18.1328, 18.0364, 19.3166



21.8077, 11.2124, 2.3716



2.1564, 1.1049, 0.4048

Inverse Universe

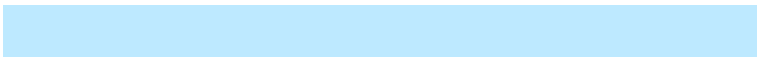
The Inverse Universe completely reimagines the original color for something new.



69.8644, 61.8281, 62.8962



65.9539, 55.9704, 55.5399



68.1773, 76.3186, 105.7454



18.1328, 18.0364, 19.3166



21.8077, 11.2124, 2.3716



2.1564, 1.1049, 0.4048

Previews

White Background



This preview shows how the XYZ color 69.8629, 61.8253, 62.8949 looks on a white background.

Color Contrast Check

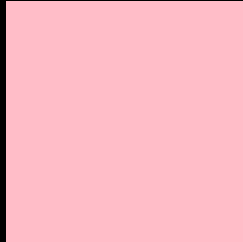
Large Text (above 18pt) WCAG AA × Fail

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 69.8629, 61.8253, 62.8949 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 69.8629, 61.8253, 62.8949

Background



This preview shows how black text looks on a background with the XYZ color 69.8629, 61.8253, 62.8949.

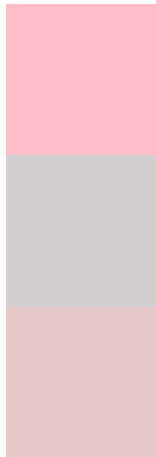


This preview shows how white text looks on a background with the XYZ color 69.8629, 61.8253,

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

69.8629, 61.8253, 62.8949

Protanopia

59.6344, 61.8214, 69.1113

Deuteranopia

63.4804, 62.2088, 62.0878



Tritanopia

70.2171, 61.9670, 64.7599

Trichromacy



Original Color

69.8629, 61.8253, 62.8949

Protanomaly

62.9280, 61.4718, 66.9411

Deuteranomaly

65.6453, 61.9541, 62.5313

Tritanomaly

70.0983, 61.9195, 64.1342

Monochromacy



Original Color

69.8629, 61.8253, 62.8949

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

63.6251, 62.8660, 67.1735

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.8629, 61.8253, 62.8949 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, 189, 200)` looks like.

```
.text, #text, p{  
    color:rgb(255, 189, 200)  
}
```

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, 189, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 189, 200) }
```

Border

The CSS property to change the border of an element to XYZ 69.8629, 61.8253, 62.8949 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, 189, 200) }
```


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

```
.border{ border-color:rgb(255, 189, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 189, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 189, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 189, 200);  
box-shadow:4px 4px 4px 4px rgb(255, 189,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 69.8629, 61.8253, 62.8949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 189, 200) }
```

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

```
.background{ background-color: rgb(255,  
189, 200) }
```

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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