

Converting Colors

XYZ(69.0867, 62.8246, 54.7725)

Have a look what the booklet for
XYZ(69.0867, 62.8246, 54.7725)
contains.

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Color

**XYZ(69.1729, 62.9451,
54.9582)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFC1BA |
| RGB | 255, 193, 186 |
| RGB Percent | 100%, 76%, 73% |
| CMY | 0.0000, 0.2431, 0.2706 |
| CMYK | 0.00, 0.24, 0.27, 0.00 |
| HSL | 6°, 100%, 86% |
| HSV | 6°, 27%, 100% |
| XYZ | 69.1729, 62.9451, 54.9582 |
| YIQ | 210.7400, 39.1990, 10.9670 |

Conversions

Conversions Part 2

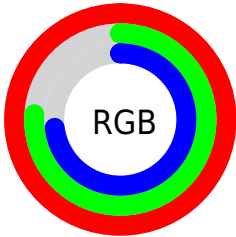
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 255, 194, 186 |
| Decimal | 16761274 |
| CIE Lab | 83.41, 21.24, 12.16 |
| CIE LCh | 83, 24.477, 29.793 |
| Yxy | 62.9451, 0.3698, 0.3365 |
| Android (android.graphics.Color) | 4294951354 (0xFFFFC1BA) |
| YUV | 210.7400, -12.1968, 38.8160 |
| Hunter-Lab | 79.3379, 16.7886, 14.4658 |

Details

The XYZ color **69.1729, 62.9451, 54.9582** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.8660, 84.7911, 107.1863**, and the grayscale version is **61.8065, 65.0252, 70.8125**.

A 20% lighter version of the original color is **91.4526, 96.0420, 97.7223**, and **36.4922, 32.0290, 26.4492** is the 20% darker color. If you saturate the color by 10%, you get **62.0217, 52.6008, 40.3722**, and if you desaturate by 10%, it is **77.5956, 75.0578, 72.3560**.

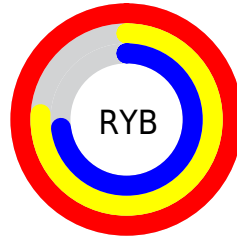
Distribution



Red (100%)

Green (76%)

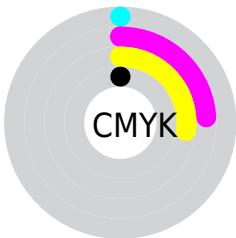
Blue (73%)



Red (100%)

Yellow (76%)

Blue (73%)

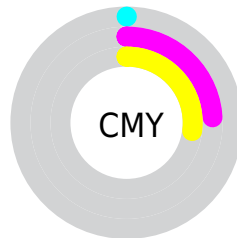


Cyan (0%)

Magenta (24%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (24%)


Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.1729, 62.9451, 54.9582 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 69.1729, 62.9451, 54.9582 by changing the saturation by 10% instead.


 69.1729, 62.9451,
54.9582

 69.1729, 62.9451,
54.9582


446.9524,
435.3702, 423.0309

 51.1297, 45.7968,
38.9699


 117.0612,
109.0903, 98.9502

 36.5333, 32.0855,
26.4286


147.6370,
138.8560, 127.7911

 25.0184, 21.4268,
16.9160


183.1211,
173.5963, 161.7531

 16.2195, 13.4363,
10.0133

223.8787,
213.6955, 201.2549

 9.7715, 7.7297,
5.3020

270.2753,
259.5381, 246.7151

 5.3088, 3.9225,
2.3637

322.6762,

 2.4662, 1.6303,

311.5085, 298.5521

0.7666

381.4468,
369.9911, 357.1846

■ 0.8782, 0.3779,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 69.1729, 62.9451,
54.9582

■ 69.1729, 62.9451,
54.9582

■ 62.0217, 52.6008,
40.3722

■ 77.5956, 75.0578,
72.3560

■ 56.0756, 43.9340,
28.4468

■ 87.3427, 89.0073,
92.6986

■ 51.2693, 36.8587,
19.0222

95.0500, 100.0000,
108.9000

■ 47.5292, 31.2779,
11.9200

■ 44.7730, 27.0836,
6.9381

■ 42.9065, 24.1537,
3.8397

■ 41.8147, 22.3436,
2.3243

■ 41.6069, 21.9938,
2.0523

Harmonies

Analogous

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



70.6764, 62.9451, 68.6425



69.1729, 62.9451, 54.9582



65.1352, 62.9451, 46.1644

Triad

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



69.1729, 62.9451, 54.9582



51.3975, 62.9451, 54.8000



59.7904, 62.9451, 102.2904

Complementary

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



69.1729, 62.9451, 54.9582



71.8660, 84.7911, 107.1863

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.



54.8161, 62.9451, 97.1717



69.1729, 62.9451, 54.9582



50.1497, 62.9451, 68.4306

Square

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



69.1729, 62.9451, 54.9582



54.8766, 62.9451, 46.0831



51.3640, 62.9451, 84.1851



65.0674, 62.9451, 97.3055

Rectangle

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



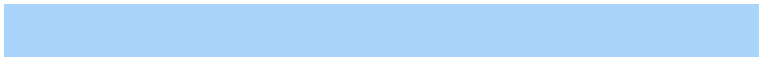
69.1729, 62.9451, 54.9582



61.6626, 62.9451, 43.5105



51.3640, 62.9451, 84.1851



58.0291, 62.9451, 101.6851

Sweetspot

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



69.1744, 62.9480, 54.9595



86.3667, 87.6131, 90.6536



75.7580, 63.1620, 97.0870



18.1577, 18.2836, 18.7164



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.



69.1744, 62.9480, 54.9595



65.4849, 57.6193, 47.4086



77.6819, 79.9628, 57.7953



18.1577, 18.2836, 18.7164



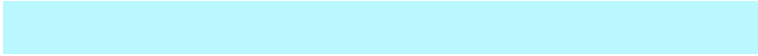
21.7888, 11.5888, 1.0885



2.1684, 1.2221, 0.1216

Inverse Universe

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



71.8660, 84.7911, 107.1863



68.5461, 82.4977, 106.9186



62.2457, 65.5506, 103.9796



18.3880, 20.1476, 23.1697



24.1524, 33.2145, 54.5726



2.3952, 3.3211, 5.3281

Previews

White Background



This preview shows how the XYZ color 69.1729, 62.9451, 54.9582 looks on a white background.

Color Contrast Check

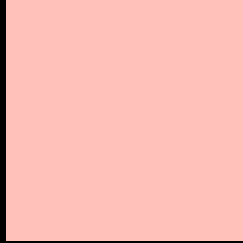
Large Text (above 18pt) WCAG AA × Fail

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 69.1729, 62.9451, 54.9582 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 69.1729, 62.9451, 54.9582

Background



This preview shows how black text looks on a background with the XYZ color 69.1729, 62.9451, 54.9582.



This preview shows how white text looks on a background with the XYZ color 69.1729, 62.9451,

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

69.1729, 62.9451, 54.9582

Protanopia

60.0748, 62.9678, 60.0267

Deuteranopia

64.5687, 63.2806, 54.7102



Tritanopia

70.8902, 62.9294, 66.1679

Trichromacy



Original Color

69.1729, 62.9451, 54.9582

Protanomaly

63.1576, 62.8256, 58.0880

Deuteranomaly

66.2593, 63.1240, 54.5909

Tritanomaly

70.2827, 63.0365, 61.8890

Monochromacy



Original Color

69.1729, 62.9451, 54.9582

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

63.9321, 63.7809, 64.8185

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.1729, 62.9451, 54.9582 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, 193, 186)` looks like.

```
.text, #text, p{  
    color:rgb(255, 193, 186)  
}
```

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, 193, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 193, 186) }
```

Border

The CSS property to change the border of an element to XYZ 69.1729, 62.9451, 54.9582 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, 193, 186) }
```


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

```
.border{ border-color:rgb(255, 193, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 193, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 193, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 193, 186);  
box-shadow:4px 4px 4px 4px rgb(255, 193,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 69.1729, 62.9451, 54.9582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 193, 186) }
```

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

```
.background{ background-color: rgb(255,  
193, 186) }
```

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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