

Converting Colors

XYZ(64.9077, 62.7146, 68.8283)

Have a look what the booklet for
XYZ(64.9077, 62.7146, 68.8283)
contains.

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Color

**XYZ(65.1179, 62.9009,
69.0306)**

Conversions

Conversions Part 1

Format	Color
Hex	E7C8D1
RGB	231, 200, 209
RGB Percent	91%, 78%, 82%
CMY	0.0941, 0.2157, 0.1804
CMYK	0.00, 0.13, 0.10, 0.09
HSL	343°, 39%, 85%
HSV	343°, 13%, 91%
XYZ	65.1179, 62.9009, 69.0306
YIQ	210.2950, 15.5870, 9.3710

Conversions

Conversions Part 2

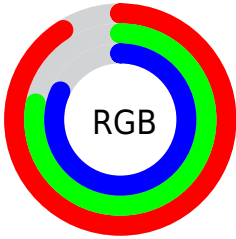
Format	Color
R _Y B	231, 200, 209
Decimal	15190225
CIE Lab	83.39, 12.38, -0.45
CIE LCh	83, 12.384, 357.913
Yxy	62.9009, 0.3305, 0.3192
Android (android.graphics.Color)	4293380305 (0xFFE7C8D1)
YUV	210.2950, -0.6384, 18.1583
Hunter-Lab	79.3101, 7.7656, 3.9117

Details

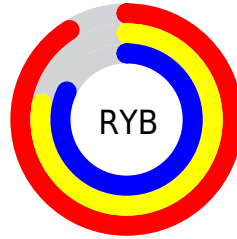
The XYZ color **65.1179, 62.9009, 69.0306** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **65.5826, 74.7068, 80.0741**, and the grayscale version is **61.4507, 64.6509, 70.4048**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.8745, 32.0383, 35.4090** is the 20% darker color. If you saturate the color by 10%, you get **58.2405, 52.2287, 57.2333**, and if you desaturate by 10%, it is **73.0161, 75.2788, 82.2004**.

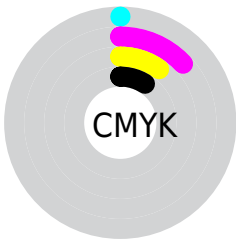
Distribution



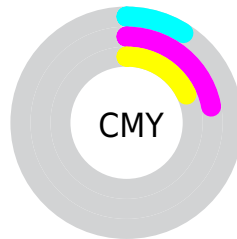
- Red (91%)
- Green (78%)
- Blue (82%)



- Red (91%)
- Yellow (78%)
- Blue (82%)



- Cyan (0%)
- Magenta (13%)
- Yellow (10%)
- Black (9%)





- Cyan (9%)
- Magenta (22%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.1179, 62.9009, 69.0306 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 65.1179, 62.9009, 69.0306 by changing the saturation by 10% instead.


 65.1179, 62.9009,
69.0306

 65.1179, 62.9009,
69.0306

432.7540,
435.2097, 475.8357

 47.8217, 45.7610,
50.2647


111.2841,
109.0265, 119.4934

 33.8964, 32.0573,
35.2511


140.8849,
138.7811, 152.0274

 22.9765, 21.4053,
23.5713


175.3179,
173.5093, 189.9878

 14.6968, 13.4206,
14.8067

214.9485,
213.5957, 233.7933

 8.6918, 7.7188,
8.5387

260.1421,
259.4245, 283.8622

 4.5962, 3.9155,
4.3489

311.2639,

 2.0446, 1.6264,

311.3802, 340.6133

1.8186

368.6795,
369.8471, 404.4649

0.6588, 0.3753,
0.4402

0.0000, 0.0000,
0.0000

65.1179, 62.9009,
69.0306

65.1179, 62.9009,
69.0306

58.2405, 52.2287,
57.2333

73.0161, 75.2788,
82.2004

52.3361, 43.1790,
46.7593

81.9696, 89.4242,
96.7816

47.3610, 35.6742,
37.5622

86.7654, 95.7291,
108.5123

43.2660, 29.6270,
29.5914

■ 39.9973, 24.9413,
22.7925

■ 37.4945, 21.5095,
17.1071

■ 35.6890, 19.2072,
12.4705

■ 34.4983, 17.8843,
8.8106

■ 33.9698, 17.3949,
6.8843

Harmonies

Analogous

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



64.2867, 62.9009, 76.6829



65.1179, 62.9009, 69.0306



64.4851, 62.9009, 61.7697

Triad

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



65.1179, 62.9009, 69.0306



57.3910, 62.9009, 56.1871



57.0733, 62.9009, 81.8550

Complementary

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



65.1179, 62.9009, 69.0306



65.5826, 74.7068, 80.0741

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.



55.3199, 62.9009, 75.6774



65.1179, 62.9009, 69.0306



55.4994, 62.9009, 60.8995

Square

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



65.1179, 62.9009, 69.0306



59.9744, 62.9009, 54.6953



54.7523, 62.9009, 67.9490



59.5968, 62.9009, 84.4249

Rectangle

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



65.1179, 62.9009, 69.0306



63.3284, 62.9009, 58.0491



54.7523, 62.9009, 67.9490



56.3772, 62.9009, 80.1097

Sweetspot

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



65.1197, 62.9037, 69.0319



90.7380, 93.2063, 101.8204



65.1126, 62.5633, 84.2462



19.2532, 19.6851, 21.5156



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.



65.1197, 62.9037, 69.0319



79.0704, 74.9477, 82.2803



65.5019, 65.4007, 63.8182



14.5482, 14.4365, 15.8211



19.0905, 9.7704, 4.1057



1.4501, 0.7377, 0.5105

Inverse Universe

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



65.1197, 62.9037, 69.0319



79.0704, 74.9477, 82.2803



65.1165, 71.7931, 86.0276



14.5482, 14.4365, 15.8211



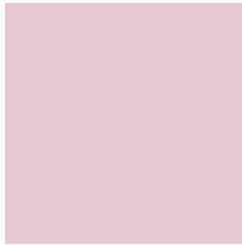
19.0905, 9.7704, 4.1057



1.4501, 0.7377, 0.5105

Previews

White Background



This preview shows how the XYZ color 65.1179, 62.9009, 69.0306 looks on a white background.

Color Contrast Check

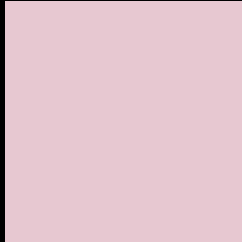
Large Text (above 18pt) WCAG AA × Fail

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 65.1179, 62.9009, 69.0306 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

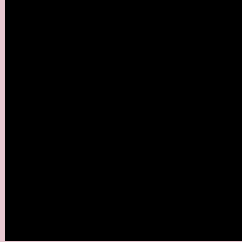
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.1179, 62.9009, 69.0306

Background



This preview shows how black text looks on a background with the XYZ color 65.1179, 62.9009, 69.0306.



This preview shows how white text looks on a background with the XYZ color 65.1179, 62.9009,

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

65.1179, 62.9009, 69.0306

Protanopia

60.9014, 63.1314, 71.9265

Deuteranopia

64.0738, 62.7076, 69.0483



Tritanopia

65.9679, 62.9089, 72.9557

Trichromacy



Original Color

65.1179, 62.9009, 69.0306

Protanomaly

62.3900, 62.8446, 71.1293

Deuteranomaly

64.3902, 62.8707, 69.0631

Tritanomaly

65.7124, 62.8067, 71.6103

Monochromacy



Original Color

65.1179, 62.9009, 69.0306

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

62.6176, 63.7012, 69.9680

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.1179, 62.9009, 69.0306 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(231, 200, 209) looks like.

```
.text, #text, p{  
    color:rgb(231, 200, 209)  
}
```

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(231, 200, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 200, 209) }
```

Border

The CSS property to change the border of an element to XYZ 65.1179, 62.9009, 69.0306 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(231, 200, 209) }
```


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

```
.border{ border-color:rgb(231, 200, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 200, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 200, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 200, 209);  
box-shadow:4px 4px 4px 4px rgb(231, 200,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 65.1179, 62.9009, 69.0306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 200, 209) }
```

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

```
.background{ background-color: rgb(231,  
200, 209) }
```

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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