

Converting Colors

XYZ(67.2056, 61.8458, 67.9922)

Have a look what the booklet for
XYZ(67.2056, 61.8458, 67.9922)
contains.

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Color

**XYZ(67.2949, 62.0149,
68.0978)**

Conversions

Conversions Part 1

Format	Color
Hex	F2C2D0
RGB	242, 194, 208
RGB Percent	95%, 76%, 82%
CMY	0.0510, 0.2392, 0.1843
CMYK	0.00, 0.20, 0.14, 0.05
HSL	343°, 65%, 85%
HSV	343°, 20%, 95%
XYZ	67.2949, 62.0149, 68.0978
YIQ	209.9480, 24.1140, 14.5300

Conversions

Conversions Part 2

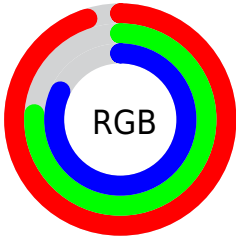
Format	Color
R _Y B	242, 194, 208
Decimal	15909584
CIE Lab	82.92, 19.26, -0.48
CIE LCh	83, 19.261, 358.566
Yxy	62.0149, 0.3409, 0.3141
Android (android.graphics.Color)	4294099664 (0xFFFF2C2D0)
YUV	209.9480, -0.9604, 28.1096
Hunter-Lab	78.7495, 14.7243, 3.8543

Details

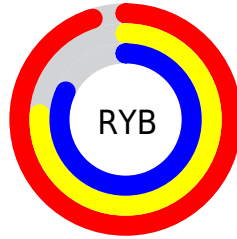
The XYZ color **67.2949, 62.0149, 68.0978** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.0063, 80.5766, 85.3711**, and the grayscale version is **61.2209, 64.4092, 70.1416**.

A 20% lighter version of the original color is **93.7872, 97.4744, 108.4791**, and **35.2184, 31.4035, 34.7771** is the 20% darker color. If you saturate the color by 10%, you get **60.3449, 51.3094, 55.9316**, and if you desaturate by 10%, it is **75.3534, 74.5712, 81.7598**.

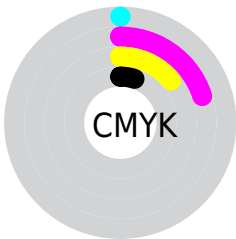
Distribution



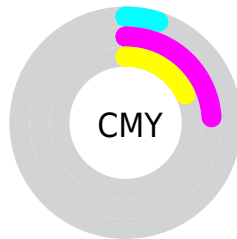
- Red (95%)
- Green (76%)
- Blue (82%)



- Red (95%)
- Yellow (76%)
- Blue (82%)



- Cyan (0%)
- Magenta (20%)
- Yellow (14%)
- Black (5%)





- Cyan (5%)
- Magenta (24%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.2949, 62.0149, 68.0978 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 67.2949, 62.0149, 68.0978 by changing the saturation by 10% instead.


 67.2949, 62.0149,
68.0978

 67.2949, 62.0149,
68.0978


440.4097,
431.9854, 472.4499

 49.5959, 45.0447,
49.5101


 114.3903,
107.7471, 118.1476

 35.3089, 31.4927,
34.6559


144.5175,
137.2779, 150.4468

 24.0685, 20.9743,
23.1165


179.5181,
171.7643, 188.1535

 15.5095, 13.1052,
14.4734

219.7574,
211.5908, 231.6864

 9.2664, 7.5010,
8.3082

265.6009,
257.1418, 281.4639

 4.9738, 3.7774,
4.2022

317.4139,

 2.2665, 1.5498,

308.8016, 337.9047

1.7369

375.5617,
366.9547, 401.4272

■ 0.7774, 0.3234,
0.3858

■ 0.0000, 0.0000,
0.0000

■ 67.2949, 62.0149,
68.0978

■ 67.2949, 62.0149,
68.0978

■ 60.3449, 51.3094,
55.9316

■ 75.3534, 74.5712,
81.7598

■ 54.4486, 42.3587,
45.2051

■ 84.5616, 89.0517,
96.9631

■ 49.5543, 35.0706,
35.8644

■ 90.4282, 97.6174,
108.6837

■ 45.6035, 29.3414,
27.8505

■ 42.5317, 25.0554,
21.0997

■ 40.2655, 22.0806,
15.5427

■ 38.7189, 20.2605,
11.1022

■ 37.7553, 19.3393,
7.6799

■ 37.7418, 19.3268,
7.6301

Harmonies

Analogous

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



66.0251, 62.0149, 80.1710



67.2949, 62.0149, 68.0978



66.2410, 62.0149, 57.1646

Triad

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



67.2949, 62.0149, 68.0978



55.2056, 62.0149, 49.3584



54.8748, 62.0149, 88.9848

Complementary

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



67.2949, 62.0149, 68.0978



68.0063, 80.5766, 85.3711

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.



52.2023, 62.0149, 79.0643



67.2949, 62.0149, 68.0978



52.3869, 62.0149, 56.2818

Square

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



67.2949, 62.0149, 68.0978



59.1434, 62.0149, 47.1385



51.3130, 62.0149, 66.9528



58.7436, 62.0149, 93.0729

Rectangle

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



67.2949, 62.0149, 68.0978



64.3890, 62.0149, 51.7834



51.3130, 62.0149, 66.9528



53.8136, 62.0149, 86.1683

Sweetspot

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



67.2966, 62.0177, 68.0991



88.6655, 89.9452, 98.4046



67.1891, 61.4260, 92.3202



18.8355, 19.0281, 20.8264



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.



67.2966, 62.0177, 68.0991



72.3264, 64.4902, 70.6895



67.8555, 65.7708, 60.1610



15.9624, 15.8347, 17.3581



20.3265, 10.4030, 4.3701



1.7327, 0.8821, 0.5833

Inverse Universe

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



67.2966, 62.0177, 68.0991



72.3264, 64.4902, 70.6895



67.2466, 75.8207, 95.0956



15.9624, 15.8347, 17.3581



20.3265, 10.4030, 4.3701



1.7327, 0.8821, 0.5833

Previews

White Background



This preview shows how the XYZ color 67.2949, 62.0149, 68.0978 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 67.2949, 62.0149, 68.0978 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

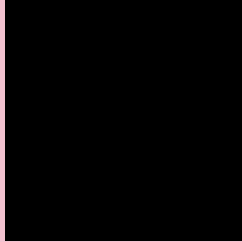
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.2949, 62.0149, 68.0978

Background



This preview shows how black text looks on a background with the XYZ color 67.2949, 62.0149, 68.0978.



This preview shows how white text looks on a background with the XYZ color 67.2949, 62.0149,

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

67.2949, 62.0149, 68.0978

Protanopia

60.3495, 62.4588, 73.1650

Deuteranopia

63.2808, 61.9823, 67.6600



Tritanopia

67.4184, 62.0643, 68.7479

Trichromacy



Original Color

67.2949, 62.0149, 68.0978

Protanomaly

62.5194, 62.2102, 71.0000

Deuteranomaly

64.7353, 62.0490, 67.5962

Tritanomaly

67.4184, 62.0643, 68.7479

Monochromacy



Original Color

67.2949, 62.0149, 68.0978

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

63.2257, 63.3188, 69.2110

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.2949, 62.0149, 68.0978 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(242, 194, 208)` looks like.

```
.text, #text, p{  
    color:rgb(242, 194, 208)  
}
```

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(242, 194, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 194, 208) }
```

Border

The CSS property to change the border of an element to XYZ 67.2949, 62.0149, 68.0978 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(242, 194, 208) }
```


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

```
.border{ border-color:rgb(242, 194, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 194, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 194, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 194, 208);  
box-shadow:4px 4px 4px 4px rgb(242, 194,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 67.2949, 62.0149, 68.0978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 194, 208) }
```

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

```
.background{ background-color: rgb(242,  
194, 208) }
```

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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