

Converting Colors

XYZ(69.1418, 62.2995, 56.7463)

Have a look what the booklet for
XYZ(69.1418, 62.2995, 56.7463)
contains.

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Color

**XYZ(69.0561, 62.1957,
56.5094)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBFBD
RGB	255, 191, 189
RGB Percent	100%, 75%, 74%
CMY	0.0000, 0.2510, 0.2588
CMYK	0.00, 0.25, 0.26, 0.00
HSL	2°, 100%, 87%
HSV	2°, 26%, 100%
XYZ	69.0561, 62.1957, 56.5094
YIQ	209.9080, 38.7860, 12.9460

Conversions

Conversions Part 2

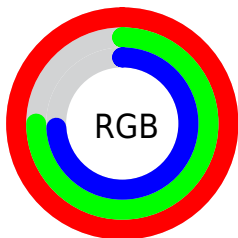
Format	Color
R _Y B	255, 191, 189
Decimal	16760765
CIE Lab	83.02, 22.70, 9.99
CIE LCh	83, 24.799, 23.768
Yxy	62.1957, 0.3678, 0.3312
Android (android.graphics.Color)	4294950845 (0xFFFFBFBD)
YUV	209.9080, -10.3076, 39.5457
Hunter-Lab	78.8643, 18.2880, 12.7213

Details

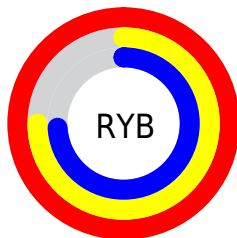
The XYZ color **69.0561, 62.1957, 56.5094** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.1603, 88.2864, 107.7401**, and the grayscale version is **61.2472, 64.4368, 70.1717**.

A 20% lighter version of the original color is **91.2888, 94.9874, 99.9092**, and **36.4156, 31.5392, 27.4609** is the 20% darker color. If you saturate the color by 10%, you get **61.5832, 51.2970, 41.5418**, and if you desaturate by 10%, it is **77.9289, 75.1150, 74.3459**.

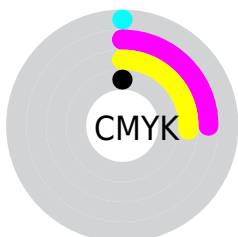
Distribution



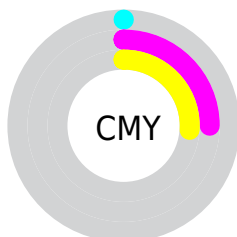
- Red (100%)
- Green (75%)
- Blue (74%)



- Red (100%)
- Yellow (75%)
- Blue (74%)



- Cyan (0%)
- Magenta (25%)
- Yellow (26%)
- Black (0%)





- Cyan (0%)
- Magenta (25%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.0561, 62.1957, 56.5094 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 69.0561, 62.1957, 56.5094 by changing the saturation by 10% instead.

 69.0561, 62.1957,
56.5094

 69.0561, 62.1957,
56.5094


446.5471,
432.6446, 429.0505

 51.0342, 45.1908,
40.2048


 116.8953,
108.0083, 101.2422

 36.4570, 31.6078,
27.3832


147.4434,
137.5849, 130.5074

 24.9591, 21.0621,
17.6263

182.8975,
172.1208, 164.9299

 16.1751, 13.1694,
10.5153

223.6231,
212.0005, 204.9283

 9.7398, 7.5453,
5.6319

269.9855,
257.6083, 250.9209

 5.2877, 3.8054,
2.5574


322.3501,


 2.4535, 1.5653,


309.3287, 303.3265


0.8704


381.0821,
367.5460, 362.5635


 0.8719, 0.3340,
0.0000


 0.0000, 0.0000,
0.0000


 69.0561, 62.1957,
56.5094


 69.0561, 62.1957,
56.5094

 61.5832, 51.2970,
41.5418


 77.9289, 75.1150,
74.3459

 55.4345, 42.3090,
29.2900

 88.2632, 90.1409,
95.1861

 50.5342, 35.1241,
19.5922

95.0500, 100.0000,
108.9000

 46.7966, 29.6206,
12.2680

■ 44.1257, 25.6619,
7.1136

■ 42.4098, 23.0901,
3.8908

■ 41.5127, 21.7133,
2.3048

■ 41.3241, 21.4282,
1.9580

Harmonies

Analogous

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



69.9618, 62.1957, 70.9752



69.0561, 62.1957, 56.5094



65.4173, 62.1957, 46.5962

Triad

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



69.0561, 62.1957, 56.5094



51.1867, 62.1957, 51.7322



58.0035, 62.1957, 101.4977

Complementary

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



69.0561, 62.1957, 56.5094



74.1603, 88.2864, 107.7401

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.



53.2313, 62.1957, 94.4233



69.0561, 62.1957, 56.5094



49.4518, 62.1957, 64.5670

Square

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



69.0561, 62.1957, 56.5094



55.0586, 62.1957, 44.1435



50.1772, 62.1957, 80.3243



63.3662, 62.1957, 98.4787

Rectangle

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



69.0561, 62.1957, 56.5094



62.0427, 62.1957, 43.1538



50.1772, 62.1957, 80.3243



56.2812, 62.1957, 100.1911

Sweetspot

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



69.0576, 62.1985, 56.5107



85.9489, 86.7776, 90.5144



77.3113, 64.8051, 102.1159



18.0536, 18.0754, 18.6817



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.



69.0576, 62.1985, 56.5107



65.0619, 56.3734, 48.5004



76.8400, 77.7633, 59.1048



18.0536, 18.0754, 18.6817



21.6118, 11.2349, 1.0295



2.1192, 1.1237, 0.1052

Inverse Universe

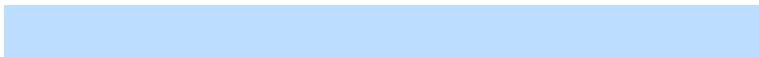
The Inverse Universe completely reimagines the original color for something new.



74.1603, 88.2864, 107.7401



70.9419, 86.4417, 107.5536



64.8668, 69.6995, 104.6422



18.5048, 20.3812, 23.2086



26.8727, 38.6550, 55.4794



2.6308, 3.7923, 5.4066

Previews

White Background



This preview shows how the XYZ color 69.0561, 62.1957, 56.5094 looks on a white background.

Color Contrast Check

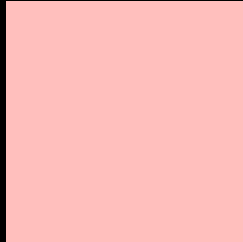
Large Text (above 18pt) WCAG AA × Fail

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 69.0561, 62.1957, 56.5094 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 69.0561, 62.1957, 56.5094

Background



This preview shows how black text looks on a background with the XYZ color 69.0561, 62.1957, 56.5094.



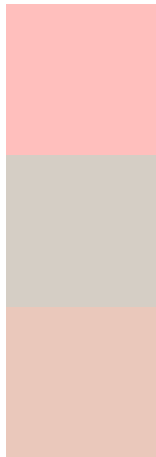
This preview shows how white text looks on a background with the XYZ color 69.0561, 62.1957,

56.5094.

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

69.0561, 62.1957, 56.5094

Protanopia

59.5899, 62.3200, 61.7116

Deuteranopia

63.5556, 62.3888, 55.7062



Tritanopia

70.2171, 61.9670, 64.7599

Trichromacy



Original Color

69.0561, 62.1957, 56.5094

Protanomaly

62.6192, 62.1623, 59.7371

Deuteranomaly

65.6613, 62.4406, 56.1685

Tritanomaly

69.8465, 62.1641, 61.7436

Monochromacy



Original Color

69.0561, 62.1957, 56.5094

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

63.3806, 63.1449, 64.7248

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.0561, 62.1957, 56.5094 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, 191, 189)` looks like.

```
.text, #text, p{  
    color:rgb(255, 191, 189)  
}
```

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, 191, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 191, 189) }
```

Border

The CSS property to change the border of an element to XYZ 69.0561, 62.1957, 56.5094 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, 191, 189) }
```


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

```
.border{ border-color:rgb(255, 191, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 191, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 191, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 191, 189);  
box-shadow:4px 4px 4px 4px rgb(255, 191,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 69.0561, 62.1957, 56.5094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 191, 189) }
```

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

```
.background{ background-color: rgb(255,  
191, 189) }
```

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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