

Converting Colors

XYZ(69.9899, 62.6565, 61.1573)

Have a look what the booklet for
XYZ(69.9899, 62.6565, 61.1573)
contains.

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Color

**XYZ(69.9488, 62.5528,
61.2105)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBFC5
RGB	255, 191, 197
RGB Percent	100%, 75%, 77%
CMY	0.0000, 0.2510, 0.2274
CMYK	0.00, 0.25, 0.23, 0.00
HSL	354°, 100%, 87%
HSV	354°, 25%, 100%
XYZ	69.9488, 62.5528, 61.2105
YIQ	210.8200, 36.2180, 15.4340

Conversions

Conversions Part 2

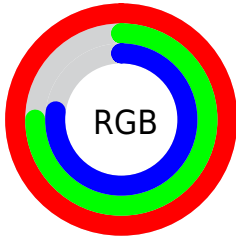
Format	Color
R _Y B	255, 191, 197
Decimal	16760773
CIE Lab	83.21, 23.81, 5.98
CIE LCh	83, 24.549, 14.103
Yxy	62.5528, 0.3611, 0.3229
Android (android.graphics.Color)	4294950853 (0xFFFFBFC5)
YUV	210.8200, -6.8133, 38.7459
Hunter-Lab	79.0903, 19.4603, 9.4768

Details

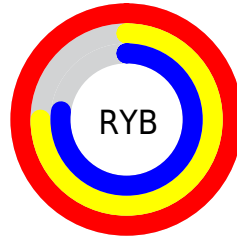
The XYZ color **69.9488, 62.5528, 61.2105** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.3471, 89.4370, 102.9712**, and the grayscale version is **61.8262, 65.0460, 70.8351**.

A 20% lighter version of the original color is **92.6968, 95.5506, 107.3234**, and **36.9295, 31.7448, 30.1676** is the 20% darker color. If you saturate the color by 10%, you get **62.4159, 51.4050, 46.6208**, and if you desaturate by 10%, it is **78.8589, 75.8048, 78.2637**.

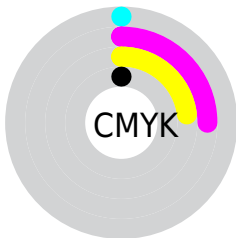
Distribution



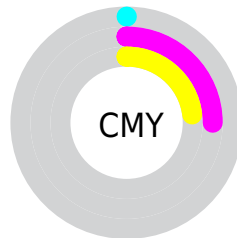
- Red (100%)
- Green (75%)
- Blue (77%)



- Red (100%)
- Yellow (75%)
- Blue (77%)



- Cyan (0%)
- Magenta (25%)
- Yellow (23%)
- Black (0%)




- Cyan (0%)
- Magenta (25%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.9488, 62.5528, 61.2105 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 69.9488, 62.5528, 61.2105 by changing the saturation by 10% instead.


 69.9488, 62.5528,
61.2105

 69.9488, 62.5528,
61.2105


449.6394,
433.9447, 446.9733

 51.7642, 45.4795,
43.9634


 118.1624,
108.5241, 108.1442

 37.0407, 31.8353,
30.3048


148.9222,
138.1909, 138.6678

 25.4128, 21.2357,
19.8160


184.6044,
172.8243, 174.4541

 16.5153, 13.2964,
12.0786

225.5744,
212.8088, 215.9215

 9.9826, 7.6330,
6.6741

272.1975,
258.5286, 263.4886

 5.4496, 3.8610,
3.1838

324.8392,

 2.5509, 1.5961,

310.3683, 317.5739

1.1892

383.8647,
368.7122, 378.5959

■ 0.9210, 0.3550,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 69.9488, 62.5528,
61.2105

■ 69.9488, 62.5528,
61.2105

■ 62.4159, 51.4050,
46.6208

■ 78.8589, 75.8048,
78.2637

■ 56.1870, 42.2452,
34.3769

■ 89.2055, 91.2526,
97.8830

■ 51.1890, 34.9589,
24.3575

95.0500, 100.0000,
108.9000

■ 47.3400, 29.4166,
16.4284

■ 44.5477, 25.4721,
10.4412

■ 42.7056, 22.9555,
6.2278

■ 41.6844, 21.6581,
3.5910

■ 41.4037, 21.3255,
2.7921

Harmonies

Analogous

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



69.8564, 62.5528, 76.4616



69.9488, 62.5528, 61.2105



67.1148, 62.5528, 49.6707

Triad

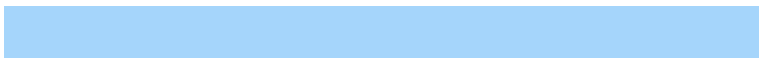
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.9488, 62.5528, 61.2105



52.6091, 62.5528, 49.1468



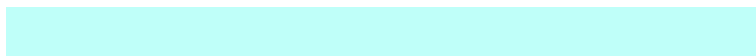
56.6938, 62.5528, 100.3858

Complementary

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



69.9488, 62.5528, 61.2105



74.3471, 89.4370, 102.9712

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.



52.4006, 62.5528, 90.6252



69.9488, 62.5528, 61.2105



50.1402, 62.5528, 60.3886

Square

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



69.9488, 62.5528, 61.2105



56.9942, 62.5528, 43.4429



50.0662, 62.5528, 75.5080



61.9848, 62.5528, 100.6938

Rectangle

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



69.9488, 62.5528, 61.2105



64.0398, 62.5528, 44.9879



50.0662, 62.5528, 75.5080



55.0936, 62.5528, 98.0429

Sweetspot

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



69.9504, 62.5556, 61.2118



86.0486, 86.5337, 91.9142



75.6069, 64.5508, 103.0824



18.0785, 18.0147, 19.0304



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

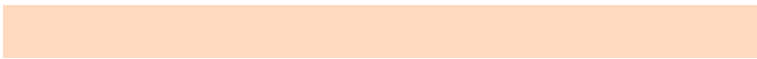
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.9504, 62.5556, 61.2118



66.0876, 56.8311, 53.7551



75.3555, 74.4435, 59.6912



18.0785, 18.0147, 19.0304



21.6573, 11.1522, 1.5798



2.1308, 1.0947, 0.2705

Inverse Universe

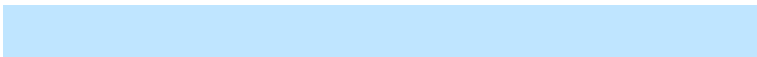
The Inverse Universe completely reimagines the original color for something new.



69.9504, 62.5556, 61.2118



66.0876, 56.8311, 53.7551



67.6683, 74.5588, 105.4325



18.0785, 18.0147, 19.0304



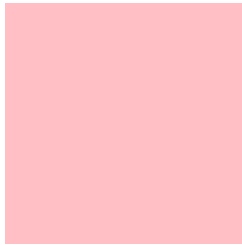
21.6573, 11.1522, 1.5798



2.1308, 1.0947, 0.2705

Previews

White Background



This preview shows how the XYZ color 69.9488, 62.5528, 61.2105 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 69.9488, 62.5528, 61.2105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

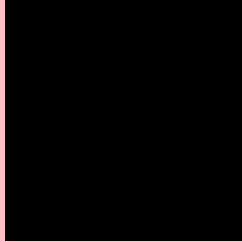
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.9488, 62.5528, 61.2105

Background



This preview shows how black text looks on a background with the XYZ color 69.9488, 62.5528, 61.2105.



This preview shows how white text looks on a background with the XYZ color 69.9488, 62.5528,

61.2105.

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

69.9488, 62.5528, 61.2105

Protanopia

60.6048, 63.0789, 67.3738

Deuteranopia

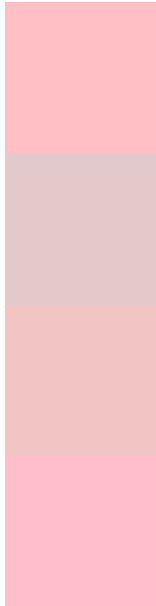
63.7833, 62.4045, 60.3133



Tritanopia

70.5525, 62.4465, 65.4616

Trichromacy



Original Color

69.9488, 62.5528, 61.2105

Protanomaly

63.6610, 62.5791, 65.2236

Deuteranomaly

65.8652, 62.4433, 60.8058

Tritanomaly

70.1961, 62.3040, 63.5845

Monochromacy



Original Color

69.9488, 62.5528, 61.2105

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

64.4120, 63.9729, 67.3456

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.9488, 62.5528, 61.2105 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, 197)` looks like.

```
.text, #text, p{  
    color:rgb(255, 191, 197)  
}
```

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, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 191, 197) }
```

Border

The CSS property to change the border of an element to XYZ 69.9488, 62.5528, 61.2105 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, 197) }
```


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

```
.border{ border-color:rgb(255, 191, 197) }
```

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, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 191, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 191, 197);  
box-shadow:4px 4px 4px 4px rgb(255, 191,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 69.9488, 62.5528, 61.2105 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, 197) }
```

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

```
.background{ background-color: rgb(255,  
191, 197) }
```

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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