

Converting Colors

XYZ(69.7501, 62.2272, 61.6228)

Have a look what the booklet for
XYZ(69.7501, 62.2272, 61.6228)
contains.

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Color

**XYZ(69.8465, 62.1641,
61.7436)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBEC6
RGB	255, 190, 198
RGB Percent	100%, 75%, 78%
CMY	0.0000, 0.2549, 0.2235
CMYK	0.00, 0.25, 0.22, 0.00
HSL	353°, 100%, 87%
HSV	353°, 25%, 100%
XYZ	69.8465, 62.1641, 61.7436
YIQ	210.3470, 36.1720, 16.2680

Conversions

Conversions Part 2

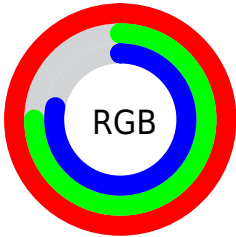
Format	Color
R_{YB}	255, 190, 198
Decimal	16760518
CIE _{Lab}	83.00, 24.48, 5.15
CIE _{LCh}	83, 25.012, 11.880
Yxy	62.1641, 0.3605, 0.3208
Android (android.graphics.Color)	4294950598 (0xFFFFBEC6)
YUV	210.3470, -6.0871, 39.1607
Hunter-Lab	78.8442, 20.1522, 8.7604

Details

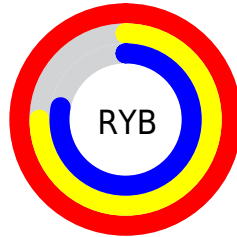
The XYZ color **69.8465, 62.1641, 61.7436** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.7860, 89.1836, 101.3249**, and the grayscale version is **61.5100, 64.7133, 70.4727**.

A 20% lighter version of the original color is **92.5508, 95.0015, 108.0669**, and **36.8642, 31.4923, 30.5212** is the 20% darker color. If you saturate the color by 10%, you get **62.4069, 51.1127, 47.4633**, and if you desaturate by 10%, it is **78.6361, 75.3057, 78.3544**.

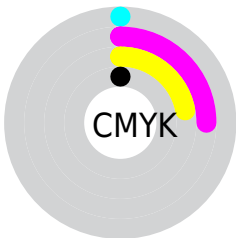
Distribution



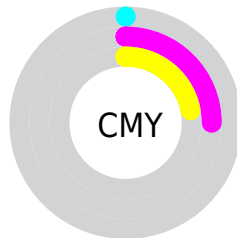
- Red (100%)
- Green (75%)
- Blue (78%)



- Red (100%)
- Yellow (75%)
- Blue (78%)



- Cyan (0%)
- Magenta (25%)
- Yellow (22%)
- Black (0%)





- Cyan (0%)
- Magenta (25%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.8465, 62.1641, 61.7436 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 69.8465, 62.1641, 61.7436 by changing the saturation by 10% instead.

 69.8465, 62.1641,
61.7436

 69.8465, 62.1641,
61.7436


449.2857,
432.5294, 448.9770

 51.6805, 45.1653,
44.3911


 118.0173,
107.9627, 108.9229

 36.9737, 31.5877,
30.6386


148.7528,
137.5312, 139.5867

 25.3607, 21.0467,
20.0677


184.4090,
172.0585, 175.5248

 16.4762, 13.1582,
12.2597

225.3510,
211.9289, 217.1556

 9.9547, 7.5376,
6.7961

271.9444,
257.5268, 264.8977

 5.4310, 3.8005,
3.2584

324.5544,

 2.5396, 1.5626,

309.2366, 319.1696

1.2280

383.5463,
367.4427, 380.3899

■ 0.9153, 0.3322,
0.0017

■ 0.0000, 0.0000,
0.0000

■ 69.8465, 62.1641,
61.7436

■ 69.8465, 62.1641,
61.7436

■ 62.4069, 51.1127,
47.4633

■ 78.6361, 75.3057,
78.3544

■ 56.2460, 42.0360,
35.4055

■ 88.8337, 90.6289,
97.3896

■ 51.2925, 34.8198,
25.4589

95.0500, 100.0000,
108.9000

■ 47.4663, 29.3349,
17.5014

■ 44.6775, 25.4354,
11.3981

■ 42.8221, 22.9517,
6.9972

■ 41.7739, 21.6744,
4.1219

■ 41.4922, 21.3609,
3.2581

Harmonies

Analogous

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



69.5198, 62.1641, 77.3683



69.8465, 62.1641, 61.7436



67.1631, 62.1641, 49.7022

Triad

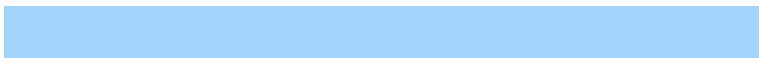
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.8465, 62.1641, 61.7436



52.4171, 62.1641, 47.8613



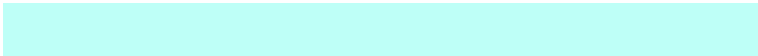
55.9124, 62.1641, 100.0868

Complementary

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



69.8465, 62.1641, 61.7436



73.7860, 89.1836, 101.3249

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.



51.6823, 62.1641, 89.5563



69.8465, 62.1641, 61.7436



49.7506, 62.1641, 58.8474

Square

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



69.8465, 62.1641, 61.7436



56.9720, 62.1641, 42.5442



49.4901, 62.1641, 73.9982



61.2499, 62.1641, 101.1788

Rectangle

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



69.8465, 62.1641, 61.7436



64.1185, 62.1641, 44.6888



49.4901, 62.1641, 73.9982



54.3223, 62.1641, 97.4667

Sweetspot

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



69.8480, 62.1669, 61.7449



86.1360, 86.5687, 92.3742



74.5882, 63.7029, 102.9724



18.1003, 18.0234, 19.1452



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

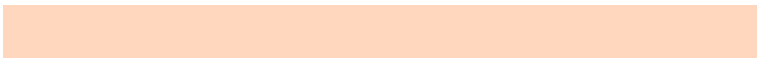
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.8480, 62.1669, 61.7449



65.5838, 55.8224, 53.5911



74.5403, 72.9888, 58.8783



18.1003, 18.0234, 19.1452



21.7088, 11.1728, 1.8509



2.1411, 1.0988, 0.3244

Inverse Universe

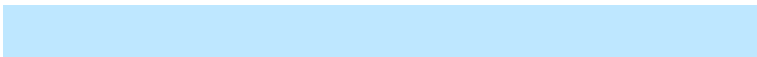
The Inverse Universe completely reimagines the original color for something new.



69.8480, 62.1669, 61.7449



65.5838, 55.8224, 53.5911



67.9100, 75.4144, 105.5849



18.1003, 18.0234, 19.1452



21.7088, 11.1728, 1.8509



2.1411, 1.0988, 0.3244

Previews

White Background



This preview shows how the XYZ color 69.8465, 62.1641, 61.7436 looks on a white background.

Color Contrast Check

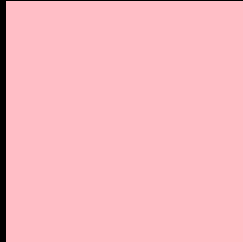
Large Text (above 18pt) WCAG AA × Fail

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 69.8465, 62.1641, 61.7436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

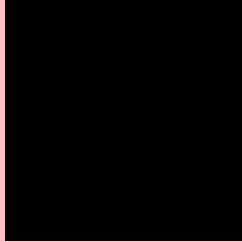
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.8465, 62.1641, 61.7436

Background



This preview shows how black text looks on a background with the XYZ color 69.8465, 62.1641, 61.7436.



This preview shows how white text looks on a background with the XYZ color 69.8465, 62.1641,

61.7436.

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

69.8465, 62.1641, 61.7436

Protanopia

60.1978, 62.4965, 67.9218

Deuteranopia

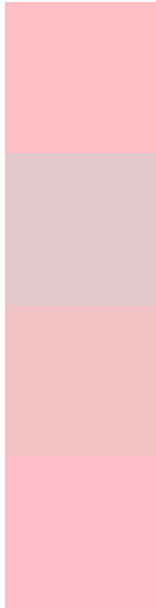
63.5731, 62.2830, 60.8957



Tritanopia

70.3367, 62.0148, 65.3897

Trichromacy



Original Color

69.8465, 62.1641, 61.7436

Protanomaly

63.2319, 61.9991, 65.7611

Deuteranomaly

65.7532, 62.0363, 61.3320

Tritanomaly

70.0983, 61.9195, 64.1342

Monochromacy



Original Color

69.8465, 62.1641, 61.7436

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

63.8605, 63.3369, 67.2519

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.8465, 62.1641, 61.7436 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, 190, 198)` looks like.

```
.text, #text, p{  
    color:rgb(255, 190, 198)  
}
```

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, 190, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 190, 198) }
```

Border

The CSS property to change the border of an element to XYZ 69.8465, 62.1641, 61.7436 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, 190, 198) }
```


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

```
.border{ border-color:rgb(255, 190, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 190, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 190, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 190, 198);  
box-shadow:4px 4px 4px 4px rgb(255, 190,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 69.8465, 62.1641, 61.7436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 190, 198) }
```

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

```
.background{ background-color: rgb(255,  
190, 198) }
```

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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