

Converting Colors

XYZ(83.7417, 68.5513, 63.0371)

Have a look what the booklet for
XYZ(83.7417, 68.5513, 63.0371)
contains.

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Color

**XYZ(69.5320, 61.3500,
62.2098)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBCC7
RGB	255, 188, 199
RGB Percent	100%, 74%, 78%
CMY	0.0000, 0.2627, 0.2196
CMYK	0.00, 0.26, 0.22, 0.00
HSL	350°, 100%, 87%
HSV	350°, 26%, 100%
XYZ	69.5320, 61.3500, 62.2098
YIQ	209.2870, 36.4010, 17.6250

Conversions

Conversions Part 2

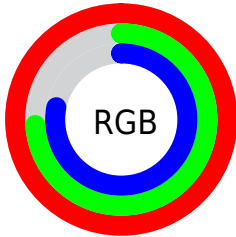
Format	Color
R _Y B	255, 188, 199
Decimal	16760007
CIE Lab	82.57, 25.67, 3.99
CIE LCh	83, 25.977, 8.825
Yxy	61.3500, 0.3601, 0.3177
Android (android.graphics.Color)	4294950087 (0xFFFFBCC7)
YUV	209.2870, -5.0715, 40.0903
Hunter-Lab	78.3262, 21.3876, 7.7379

Details

The XYZ color **69.5320, 61.3500, 62.2098** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.8305, 88.7441, 98.8828**, and the grayscale version is **60.8085, 63.9753, 69.6691**.

A 20% lighter version of the original color is **91.9424, 93.7848, 107.8641**, and **36.6619, 30.9648, 30.8326** is the 20% darker color. If you saturate the color by 10%, you get **62.2541, 50.4812, 48.4172**, and if you desaturate by 10%, it is **78.1220, 74.2878, 78.1515**.

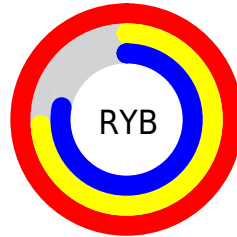
Distribution



Red (100%)

Green (74%)

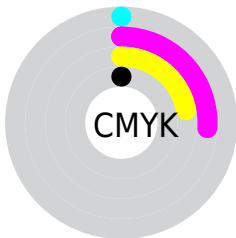
Blue (78%)



Red (100%)

Yellow (74%)

Blue (78%)

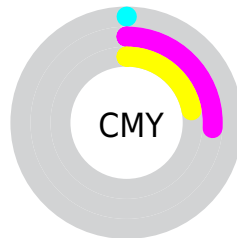


Cyan (0%)

Magenta (26%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (26%)


Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.5320, 61.3500, 62.2098 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 69.5320, 61.3500, 62.2098 by changing the saturation by 10% instead.


 69.5320, 61.3500,
62.2098

 69.5320, 61.3500,
62.2098

448.1971,
429.5561, 450.7247

 51.4233, 44.5077,
44.7654


 117.5710,
106.7855, 109.6032

 36.7680, 31.0698,
30.9310


148.2321,
136.1476, 140.3893

 25.2008, 20.6520,
20.2883


183.8079,
170.4516, 176.4597

 16.3562, 12.8699,
12.4186

224.6640,
210.0821, 218.2328

 9.8690, 7.3390,
6.9035

271.1656,
255.4234, 266.1274

 5.3738, 3.6750,
3.3243

323.6781,

 2.5052, 1.4935,

306.8599, 320.5619

1.2625

382.5668,
364.7760, 381.9548

■ 0.8979, 0.2841,
0.0308

■ 0.0000, 0.0000,
0.0000

■ 69.5320, 61.3500,
62.2098

■ 69.5320, 61.3500,
62.2098

■ 62.2541, 50.4812,
48.4172

■ 78.1220, 74.2878,
78.1515

■ 56.2188, 41.5660,
36.6776

■ 88.0800, 89.3854,
96.3251

■ 51.3570, 34.4906,
26.8930

95.0500, 100.0000,
108.9000

■ 47.5909, 29.1256,
18.9560

■ 44.8330, 25.3252,
12.7485

■ 42.9821, 22.9188,
8.1383

■ 41.9145, 21.6949,
4.9730

■ 41.6552, 21.4261,
4.1166

Harmonies

Analogous

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



68.8644, 61.3500, 78.4870



69.5320, 61.3500, 62.2098



67.0474, 61.3500, 49.3769

Triad

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



69.5320, 61.3500, 62.2098



51.8595, 61.3500, 45.6643



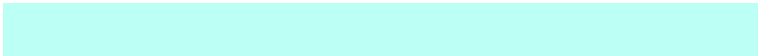
54.5324, 61.3500, 99.6282

Complementary

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



69.5320, 61.3500, 62.2098



72.8305, 88.7441, 98.8828

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.



50.3692, 61.3500, 87.9033



69.5320, 61.3500, 62.2098



48.8955, 61.3500, 56.3344

Square

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



69.5320, 61.3500, 62.2098



56.6858, 61.3500, 40.8721



48.3678, 61.3500, 71.6100



59.9676, 61.3500, 101.8715

Rectangle

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



69.5320, 61.3500, 62.2098



64.0252, 61.3500, 43.8695



48.3678, 61.3500, 71.6100



52.9479, 61.3500, 96.5851

Sweetspot

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



69.5335, 61.3528, 62.2110



86.2589, 86.6179, 93.0215



73.2854, 62.3927, 102.7882



18.1310, 18.0357, 19.3067



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.



69.5335, 61.3528, 62.2110



65.2078, 54.8797, 54.0531



73.4478, 71.1512, 57.4430



18.1310, 18.0357, 19.3067



21.8013, 11.2098, 2.3379



2.1555, 1.1046, 0.4001

Inverse Universe

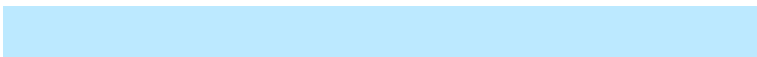
The Inverse Universe completely reimagines the original color for something new.



69.5335, 61.3528, 62.2110



65.2078, 54.8797, 54.0531



67.8359, 76.0027, 105.7024



18.1310, 18.0357, 19.3067



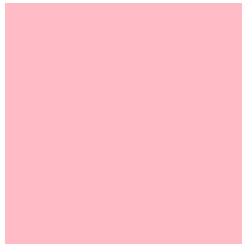
21.8013, 11.2098, 2.3379



2.1555, 1.1046, 0.4001

Previews

White Background



This preview shows how the XYZ color 69.5320, 61.3500, 62.2098 looks on a white background.

Color Contrast Check

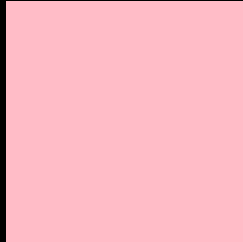
Large Text (above 18pt) WCAG AA × Fail

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 69.5320, 61.3500, 62.2098 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

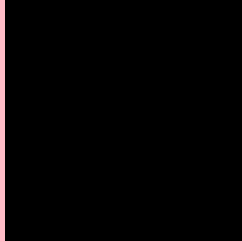
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.5320, 61.3500, 62.2098

Background



This preview shows how black text looks on a background with the XYZ color 69.5320, 61.3500, 62.2098.

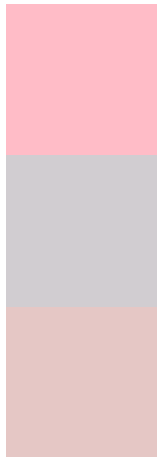


This preview shows how white text looks on a background with the XYZ color 69.5320, 61.3500,

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

69.5320, 61.3500, 62.2098

Protanopia

59.6344, 61.8214, 69.1113

Deuteranopia

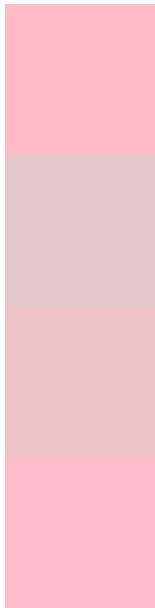
62.8146, 61.5361, 61.3903



Tritanopia

69.8839, 61.4907, 64.0627

Trichromacy



Original Color

69.5320, 61.3500, 62.2098

Protanomaly

62.8069, 61.4234, 66.3032

Deuteranomaly

64.9680, 61.2846, 61.8310

Tritanomaly

69.7658, 61.4435, 63.4411

Monochromacy



Original Color

69.5320, 61.3500, 62.2098

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

63.2701, 62.3498, 66.4576

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.5320, 61.3500, 62.2098 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, 188, 199)` looks like.

```
.text, #text, p{  
    color:rgb(255, 188, 199)  
}
```

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, 188, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 188, 199) }
```

Border

The CSS property to change the border of an element to XYZ 69.5320, 61.3500, 62.2098 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, 188, 199) }
```


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

```
.border{ border-color:rgb(255, 188, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 188, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 188, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 188, 199); box-shadow:4px 4px 4px 4px rgb(255, 188, 199) }
```

Background

The CSS property to change the background color of an element to XYZ 69.5320, 61.3500, 62.2098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 188, 199) }
```

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

```
.background{ background-color: rgb(255,  
188, 199) }
```

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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