

Converting Colors

XYZ(70.2467, 61.6737, 65.8564)

Have a look what the booklet for
XYZ(70.2467, 61.6737, 65.8564)
contains.

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Color

**XYZ(70.2427, 61.6342,
65.9520)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBCCD
RGB	255, 188, 205
RGB Percent	100%, 74%, 80%
CMY	0.0000, 0.2627, 0.1961
CMYK	0.00, 0.26, 0.20, 0.00
HSL	345°, 100%, 87%
HSV	345°, 26%, 100%
XYZ	70.2427, 61.6342, 65.9520
YIQ	209.9710, 34.4750, 19.4910

Conversions

Conversions Part 2

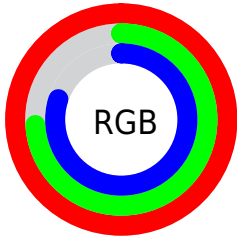
Format	Color
R _Y B	255, 188, 205
Decimal	16760013
CIE Lab	82.72, 26.54, 0.98
CIE LCh	83, 26.562, 2.123
Yxy	61.6342, 0.3551, 0.3116
Android (android.graphics.Color)	4294950093 (0xFFFFBCCD)
YUV	209.9710, -2.4507, 39.4904
Hunter-Lab	78.5075, 22.3206, 5.1473

Details

The XYZ color **70.2427, 61.6342, 65.9520** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.9339, 88.3855, 94.1614**, and the grayscale version is **61.2406, 64.4298, 70.1641**.

A 20% lighter version of the original color is **91.9424, 93.7848, 107.8641**, and **37.1370, 31.1549, 33.3343** is the 20% darker color. If you saturate the color by 10%, you get **63.1094, 50.8232, 52.9214**, and if you desaturate by 10%, it is **78.6207, 74.4871, 80.7777**.

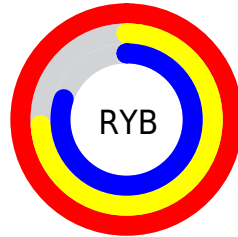
Distribution



Red (100%)

Green (74%)

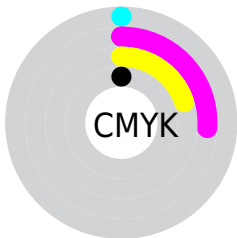
Blue (80%)



Red (100%)

Yellow (74%)

Blue (80%)

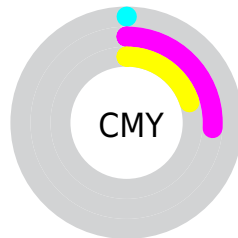


Cyan (0%)

Magenta (26%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (26%)

Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.2427, 61.6342, 65.9520 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 70.2427, 61.6342, 65.9520 by changing the saturation by 10% instead.


 70.2427, 61.6342,
65.9520

 70.2427, 61.6342,
65.9520


450.6548,
430.5955, 464.6047

 52.0047, 44.7372,
47.7772


 118.5792,
107.1967, 115.0438

 37.2331, 31.2505,
33.2917

149.4084,
136.6309, 146.7978

 25.5625, 20.7896,
22.0771


185.1654,
171.0130, 183.9154

 16.6276, 12.9703,
13.7147

226.2156,
210.7274, 226.8150

 10.0630, 7.4081,
7.7860

272.9242,
256.1585, 275.9152

 5.5033, 3.7186,
3.8725

325.6568,

 2.5833, 1.5174,

307.6906, 331.6345

1.5557

384.7785,
365.7081, 394.3915

■ 0.9374, 0.3010,
0.2589

■ 0.0000, 0.0000,
0.0000

■ 70.2427, 61.6342,
65.9520

■ 70.2427, 61.6342,
65.9520

■ 63.1094, 50.8232,
52.9214

■ 78.6207, 74.4871,
80.7777

■ 57.1559, 41.9408,
41.6126

■ 88.2955, 89.4715,
97.4603

■ 52.3178, 34.8748,
31.9529

95.0500, 100.0000,
108.9000

■ 48.5225, 29.4983,
23.8623

■ 45.6886, 25.6674,
17.2541

■ 43.7216, 23.2146,
12.0321

■ 42.5058, 21.9314,
8.0868

■ 42.1851, 21.6381,
6.9071

Harmonies

Analogous

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



68.8240, 61.6342, 82.8981



70.2427, 61.6342, 65.9520



68.3725, 61.6342, 51.7504

Triad

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



70.2427, 61.6342, 65.9520



52.9394, 61.6342, 43.8620



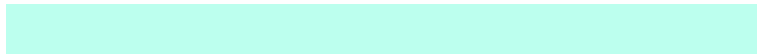
53.6001, 61.6342, 98.8897

Complementary

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



70.2427, 61.6342, 65.9520



71.9339, 88.3855, 94.1614

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.



49.7728, 61.6342, 85.2406



70.2427, 61.6342, 65.9520



49.4092, 61.6342, 53.4642

Square

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



70.2427, 61.6342, 65.9520



58.1760, 61.6342, 40.3536



48.2880, 61.6342, 68.2798



58.9888, 61.6342, 103.6578

Rectangle

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



70.2427, 61.6342, 65.9520



65.5786, 61.6342, 45.2386



48.2880, 61.6342, 68.2798



52.1007, 61.6342, 95.0896

Sweetspot

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



70.2441, 61.6369, 65.9533



86.5287, 86.7258, 94.4422



71.0047, 61.2168, 102.6814



18.1984, 18.0627, 19.6620



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.



70.2441, 61.6369, 65.9533



66.0093, 55.2003, 58.2738



71.8247, 67.9049, 56.9018



18.1984, 18.0627, 19.6620



22.0930, 11.3265, 3.8743



2.1929, 1.1196, 0.5975

Inverse Universe

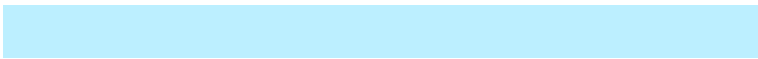
The Inverse Universe completely reimagines the original color for something new.



70.2441, 61.6369, 65.9533



66.0093, 55.2003, 58.2738



69.7649, 79.8609, 106.3454



18.1984, 18.0627, 19.6620



22.0930, 11.3265, 3.8743



2.1929, 1.1196, 0.5975

Previews

White Background



This preview shows how the XYZ color 70.2427, 61.6342, 65.9520 looks on a white background.

Color Contrast Check

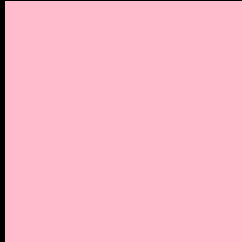
Large Text (above 18pt) WCAG AA × Fail

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 70.2427, 61.6342, 65.9520 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 70.2427, 61.6342, 65.9520

Background



This preview shows how black text looks on a background with the XYZ color 70.2427, 61.6342, 65.9520.



This preview shows how white text looks on a background with the XYZ color 70.2427, 61.6342,

65.9520.

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

70.2427, 61.6342, 65.9520

Protanopia

59.8292, 61.8343, 73.0719

Deuteranopia

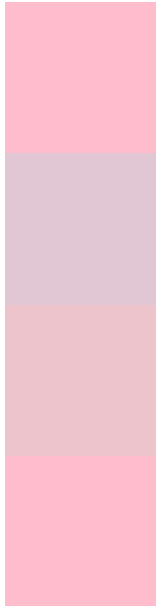
63.1123, 61.9512, 65.1313



Tritanopia

70.0027, 61.5382, 64.6884

Trichromacy



Original Color

70.2427, 61.6342, 65.9520

Protanomaly

62.9218, 61.3973, 70.1625

Deuteranomaly

65.5641, 61.8440, 65.6082

Tritanomaly

70.1223, 61.5861, 65.3182

Monochromacy



Original Color

70.2427, 61.6342, 65.9520

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

63.8697, 62.9639, 68.4615

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.2427, 61.6342, 65.9520 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, 205)` looks like.

```
.text, #text, p{  
    color:rgb(255, 188, 205)  
}
```

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, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 188, 205) }
```

Border

The CSS property to change the border of an element to XYZ 70.2427, 61.6342, 65.9520 is called "border". The border property can be set on classes, ids or directly on the HTML element.

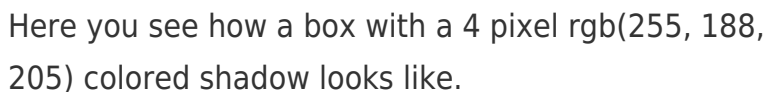
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 188, 205) }
```


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

```
.border{ border-color:rgb(255, 188, 205) }
```

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, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 188, 205); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 188, 205); box-shadow:4px 4px 4px 4px rgb(255, 188, 205) }
```

Background

The CSS property to change the background color of an element to XYZ 70.2427, 61.6342, 65.9520 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, 205) }
```

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

```
.background{ background-color: rgb(255,  
188, 205) }
```

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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