

Converting Colors

XYZ(77.2644, 65.4776, 64.1370)

Have a look what the booklet for
XYZ(77.2644, 65.4776, 64.1370)
contains.

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Color

**XYZ(70.0983, 61.9195,
64.1342)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBDCA
RGB	255, 189, 202
RGB Percent	100%, 74%, 79%
CMY	0.0000, 0.2588, 0.2078
CMYK	0.00, 0.26, 0.21, 0.00
HSL	348°, 100%, 87%
HSV	348°, 26%, 100%
XYZ	70.0983, 61.9195, 64.1342
YIQ	210.2160, 35.1630, 18.0350

Conversions

Conversions Part 2

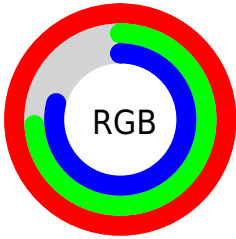
Format	Color
R _Y B	255, 189, 202
Decimal	16760266
CIE Lab	82.87, 25.58, 2.82
CIE LCh	83, 25.733, 6.281
Yxy	61.9195, 0.3574, 0.3157
Android (android.graphics.Color)	4294950346 (0xFFFFBDCA)
YUV	210.2160, -4.0505, 39.2756
Hunter-Lab	78.6889, 21.3071, 6.7589

Details

The XYZ color **70.0983, 61.9195, 64.1342** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.7756, 88.7507, 97.3033**, and the grayscale version is **61.4114, 64.6096, 70.3598**.

A 20% lighter version of the original color is **92.2458, 94.3915, 107.9653**, and **37.0352, 31.3364, 32.1135** is the 20% darker color. If you saturate the color by 10%, you get **62.8215, 50.9922, 50.5292**, and if you desaturate by 10%, it is **78.6642, 74.9095, 79.7580**.

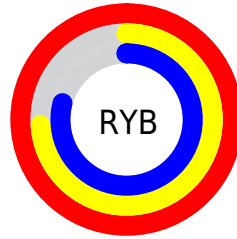
Distribution



Red (100%)

Green (74%)

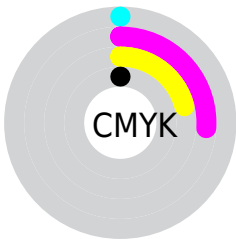
Blue (79%)



Red (100%)

Yellow (74%)

Blue (79%)

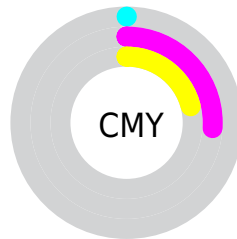


Cyan (0%)

Magenta (26%)

Yellow (21%)

Black (0%)



Cyan (0%)


Magenta (26%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.0983, 61.9195, 64.1342 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 70.0983, 61.9195, 64.1342 by changing the saturation by 10% instead.


 70.0983, 61.9195,
64.1342

 70.0983, 61.9195,
64.1342


450.1561,
431.6374, 457.8949

 51.8866, 44.9677,
46.3125


 118.3744,
107.6092, 112.4055

 37.1386, 31.4320,
32.1420


149.1695,
137.1158, 143.6922

 25.4890, 20.9280,
21.2043


184.8898,
171.5761, 180.3043

 16.5724, 13.0714,
13.0807

225.9006,
211.3746, 222.6603

 10.0235, 7.4777,
7.3528

272.5673,
256.8955, 271.1789

 5.4769, 3.7626,
3.6019


325.2552,

 2.5673, 1.5417,


308.5234, 326.2785


1.4096


384.3297,
366.6426, 388.3776


 0.9293, 0.3178,
0.1492


 0.0000, 0.0000,
0.0000


 70.0983, 61.9195,
64.1342


 70.0983, 61.9195,
64.1342

 62.8215, 50.9922,
50.5292


 78.6642, 74.9095,
79.7580

 56.7663, 42.0135,
38.8560

 88.5734, 90.0525,
97.4749

 51.8656, 34.8706,
29.0271

95.0500, 100.0000,
108.9000

 48.0441, 29.4356,
20.9462

■ 45.2172, 25.5643,
14.5085

■ 43.2871, 23.0885,
9.5968

■ 42.1345, 21.8003,
6.0774

■ 41.8203, 21.4921,
4.9860

Harmonies

Analogous

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



69.1625, 61.9195, 80.4621



70.0983, 61.9195, 64.1342



67.8717, 61.9195, 50.9183

Triad

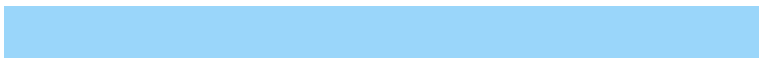
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.0983, 61.9195, 64.1342



52.7668, 61.9195, 45.6808



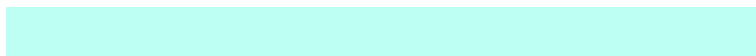
54.6676, 61.9195, 99.4141

Complementary

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



70.0983, 61.9195, 64.1342



72.7756, 88.7507, 97.3033

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.



50.6701, 61.9195, 87.1491



70.0983, 61.9195, 64.1342



49.6218, 61.9195, 55.8690

Square

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



70.0983, 61.9195, 64.1342



57.6939, 61.9195, 41.3970



48.8790, 61.9195, 70.8158



60.0267, 61.9195, 102.5502

Rectangle

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



70.0983, 61.9195, 64.1342



64.9713, 61.9195, 45.0793



48.8790, 61.9195, 70.8158



53.1307, 61.9195, 96.1377

Sweetspot

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



70.0998, 61.9222, 64.1355



86.3574, 86.6572, 93.5400



72.7987, 62.4600, 102.8268



18.1556, 18.0455, 19.4363



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.



70.0998, 61.9222, 64.1355



66.2164, 56.0754, 56.9221



73.1785, 70.4394, 57.8869



18.1556, 18.0455, 19.4363



21.8932, 11.2466, 2.8220



2.1679, 1.1095, 0.4657

Inverse Universe

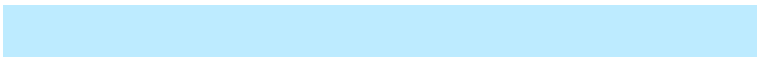
The Inverse Universe completely reimagines the original color for something new.



70.0998, 61.9222, 64.1355



66.2164, 56.0754, 56.9221



68.8040, 77.5720, 105.9543



18.1556, 18.0455, 19.4363



21.8932, 11.2466, 2.8220



2.1679, 1.1095, 0.4657

Previews

White Background



This preview shows how the XYZ color 70.0983, 61.9195, 64.1342 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 70.0983, 61.9195, 64.1342 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

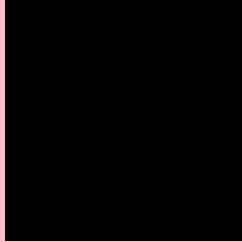
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.0983, 61.9195, 64.1342

Background



This preview shows how black text looks on a background with the XYZ color 70.0983, 61.9195, 64.1342.



This preview shows how white text looks on a background with the XYZ color 70.0983, 61.9195,

64.1342.

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

70.0983, 61.9195, 64.1342

Protanopia

60.2495, 62.4514, 71.1662

Deuteranopia

63.3927, 62.1367, 63.2960



Tritanopia

70.2171, 61.9670, 64.7599

Trichromacy



Original Color

70.0983, 61.9195, 64.1342

Protanomaly

63.4035, 62.0314, 68.3060

Deuteranomaly

65.5424, 61.8740, 63.7468

Tritanomaly

70.2171, 61.9670, 64.7599

Monochromacy



Original Color

70.0983, 61.9195, 64.1342

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

63.7470, 62.9148, 67.8154

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.0983, 61.9195, 64.1342 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, 189, 202)` looks like.

```
.text, #text, p{  
    color:rgb(255, 189, 202)  
}
```

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, 189, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 189, 202) }
```

Border

The CSS property to change the border of an element to XYZ 70.0983, 61.9195, 64.1342 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, 189, 202) }
```


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

```
.border{ border-color:rgb(255, 189, 202) }
```

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

Here you see how a box with a 4 pixel rgb(255, 189, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 189, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 189, 202);  
box-shadow:4px 4px 4px 4px rgb(255, 189,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 70.0983, 61.9195, 64.1342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 189, 202) }
```

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

```
.background{ background-color: rgb(255,  
189, 202) }
```

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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