

Converting Colors

XYZ(71.7153, 61.5950, 75.6438)

Have a look what the booklet for
XYZ(71.7153, 61.5950, 75.6438)
contains.

XYZ(71.7172, 61.5451, 75.8096)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(71.7172, 61.5451,
75.8096)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBADC
RGB	255, 186, 220
RGB Percent	100%, 73%, 86%
CMY	0.0000, 0.2706, 0.1373
CMYK	0.00, 0.27, 0.14, 0.00
HSL	330°, 100%, 86%
HSV	330°, 27%, 100%
XYZ	71.7172, 61.5451, 75.8096
YIQ	210.5070, 30.2100, 25.2020

Conversions

Conversions Part 2

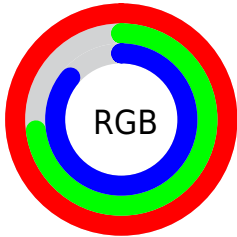
Format	Color
R _Y B	255, 186, 220
Decimal	16759516
CIE Lab	82.67, 29.89, -7.14
CIE LCh	83, 30.731, 346.564
Yxy	61.5451, 0.3430, 0.2944
Android (android.graphics.Color)	4294949596 (0xFFFFBADDC)
YUV	210.5070, 4.6800, 39.0204
Hunter-Lab	78.4507, 25.8905, -2.3785

Details

The XYZ color **71.7172, 61.5451, 75.8096** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **69.0629, 87.1806, 81.5975**, and the grayscale version is **61.5493, 64.7547, 70.5179**.

A 20% lighter version of the original color is **91.3406, 92.5812, 107.6635**, and **38.0688, 31.0895, 39.5917** is the 20% darker color. If you saturate the color by 10%, you get **65.1692, 51.0856, 65.4993**, and if you desaturate by 10%, it is **79.3591, 73.9799, 87.1402**.

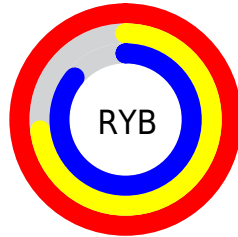
Distribution



Red (100%)

Green (73%)

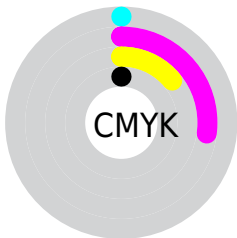
Blue (86%)



Red (100%)

Yellow (73%)

Blue (86%)

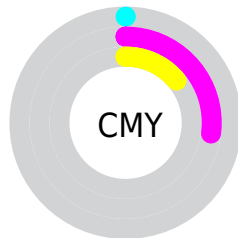


Cyan (0%)

Magenta (27%)

Yellow (14%)

Black (0%)



Cyan (0%)

Magenta (27%)

Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.7172, 61.5451, 75.8096 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 71.7172, 61.5451, 75.8096 by changing the saturation by 10% instead.

 71.7172, 61.5451,
75.8096

 71.7172, 61.5451,
75.8096


455.7296,
430.2698, 500.0251

 53.2123, 44.6652,
55.7707


 120.6674,
107.0678, 129.2153

 38.2005, 31.1938,
39.6163

151.8434,
136.4794, 163.4193

 26.3162, 20.7465,
26.9280

187.9738,
170.8371, 203.1819

 17.1943, 12.9388,
17.2872

229.4240,
210.5252, 248.9218

 10.4693, 7.3864,
10.2754

276.5593,
255.9281, 301.0576

 5.7758, 3.7049,
5.4739

329.7451,

 2.7486, 1.5099,

307.4303, 360.0077

2.4644

389.3467,
365.4160, 426.1907

■ 1.0223, 0.2957,
0.8212

■ 0.0000, 0.0000,
0.0000

■ 71.7172, 61.5451,
75.8096

■ 71.7172, 61.5451,
75.8096

■ 65.1692, 51.0856,
65.4993

■ 79.3591, 73.9799,
87.1402

■ 59.6570, 42.4905,
56.1729

■ 88.1408, 88.4778,
99.5183

■ 55.1233, 35.6497,
47.7967

95.0500, 100.0000,
108.9000

■ 51.5029, 30.4384,
40.3332

■ 48.7223, 26.7148,
33.7416

■ 46.6957, 24.3127,
27.9760

■ 45.3141, 23.0200,
22.9820

■ 44.9830, 22.7572,
21.6406

Harmonies

Analogous

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



68.1961, 61.5451, 95.2103



71.7172, 61.5451, 75.8096



71.5122, 61.5451, 57.1831

Triad

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



71.7172, 61.5451, 75.8096



54.9557, 61.5451, 37.8826



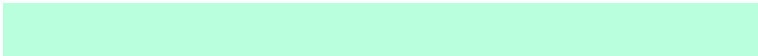
50.2044, 61.5451, 96.9929

Complementary

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



71.7172, 61.5451, 75.8096



69.0629, 87.1806, 81.5975

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.



47.1649, 61.5451, 77.9076



71.7172, 61.5451, 75.8096



49.7637, 61.5451, 45.0162

Square

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



71.7172, 61.5451, 75.8096



61.4929, 61.5451, 37.5329



47.0099, 61.5451, 58.9231



55.5996, 61.5451, 108.9034

Rectangle

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



71.7172, 61.5451, 75.8096



69.2841, 61.5451, 47.6227



47.0099, 61.5451, 58.9231



48.8916, 61.5451, 91.0578

Sweetspot

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



71.7186, 61.5477, 75.8109



87.2622, 87.0192, 98.3048



65.2778, 57.6346, 102.2918



18.3825, 18.1363, 20.6313



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.



71.7186, 61.5477, 75.8109



68.3478, 56.1357, 70.5881



67.6637, 59.9258, 54.4583



18.3825, 18.1363, 20.6313



23.5797, 11.9212, 11.7030



2.3509, 1.1827, 1.4293

Inverse Universe

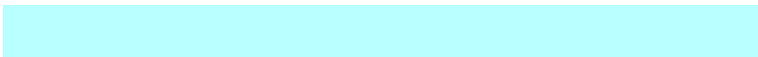
The Inverse Universe completely reimagines the original color for something new.



71.7186, 61.5477, 75.8109



68.3478, 56.1357, 70.5881



74.0612, 89.1799, 107.9177



18.3825, 18.1363, 20.6313



23.5797, 11.9212, 11.7030



2.3509, 1.1827, 1.4293

Previews

White Background



This preview shows how the XYZ color 71.7172, 61.5451, 75.8096 looks on a white background.

Color Contrast Check

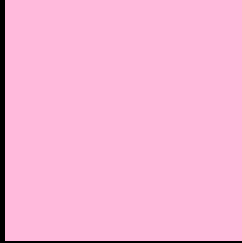
Large Text (above 18pt) WCAG AA × Fail

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 71.7172, 61.5451, 75.8096 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

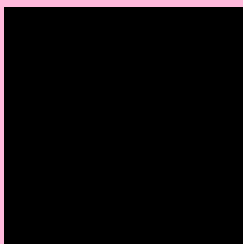
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.7172, 61.5451, 75.8096

Background



This preview shows how black text looks on a background with the XYZ color 71.7172, 61.5451, 75.8096.



This preview shows how white text looks on a background with the XYZ color 71.7172, 61.5451,

75.8096.

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

71.7172, 61.5451, 75.8096

Protanopia

60.7539, 62.0454, 85.1178

Deuteranopia

62.9975, 61.6905, 74.2328



Tritanopia

69.4851, 61.5896, 64.7256

Trichromacy



Original Color

71.7172, 61.5451, 75.8096



Protanomaly

64.0165, 61.3618, 81.8688



Deuteranomaly

65.7743, 61.4158, 74.7174



Tritanomaly

70.3649, 61.6407, 68.5108

Monochromacy



Original Color

71.7172, 61.5451, 75.8096



Achromatopsia

61.9161, 65.1406, 70.9381



Achromatomaly

64.9367, 63.4270, 72.4384

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.7172, 61.5451, 75.8096 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, 186, 220)` looks like.

```
.text, #text, p{  
    color:rgb(255, 186, 220)  
}
```

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, 186, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 186, 220) }
```

Border

The CSS property to change the border of an element to XYZ 71.7172, 61.5451, 75.8096 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, 186, 220) }
```


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

```
.border{ border-color:rgb(255, 186, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 186, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 186, 220); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 186, 220); box-shadow:4px 4px 4px 4px rgb(255, 186, 220) }
```

Background

The CSS property to change the background color of an element to XYZ 71.7172, 61.5451, 75.8096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 186, 220) }
```

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

```
.background{ background-color: rgb(255,  
186, 220) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor