

Converting Colors

XYZ(71.3650, 61.4082, 73.9434)

Have a look what the booklet for
XYZ(71.3650, 61.4082, 73.9434)
contains.

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Color

**XYZ(71.3233, 61.3876,
73.7355)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBAD9
RGB	255, 186, 217
RGB Percent	100%, 73%, 85%
CMY	0.0000, 0.2706, 0.1490
CMYK	0.00, 0.27, 0.15, 0.00
HSL	333°, 100%, 86%
HSV	333°, 27%, 100%
XYZ	71.3233, 61.3876, 73.7355
YIQ	210.1650, 31.1730, 24.2690

Conversions

Conversions Part 2

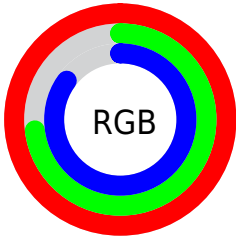
Format	Color
R _Y B	255, 186, 217
Decimal	16759513
CIE Lab	82.59, 29.42, -5.65
CIE LCh	83, 29.957, 349.120
Yxy	61.3876, 0.3455, 0.2974
Android (android.graphics.Color)	4294949593 (0xFFFFBAD9)
YUV	210.1650, 3.3697, 39.3203
Hunter-Lab	78.3502, 25.3781, -0.9527

Details

The XYZ color **71.3233, 61.3876, 73.7355** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **69.4664, 87.3420, 83.7220**, and the grayscale version is **61.3325, 64.5266, 70.2694**.

A 20% lighter version of the original color is **91.3406, 92.5812, 107.6635**, and **37.7988, 30.9815, 38.1702** is the 20% darker color. If you saturate the color by 10%, you get **64.6731, 50.8872, 62.8866**, and if you desaturate by 10%, it is **79.0905, 73.8725, 85.7253**.

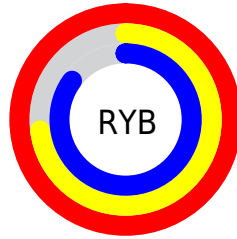
Distribution



Red (100%)

Green (73%)

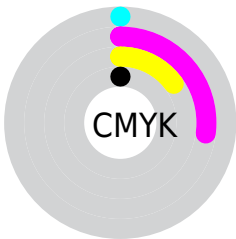
Blue (85%)



Red (100%)

Yellow (73%)

Blue (85%)

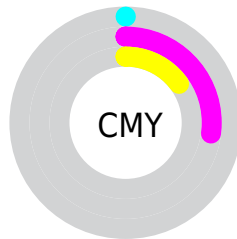


Cyan (0%)

Magenta (27%)

Yellow (15%)

Black (0%)



Cyan (0%)

Magenta (27%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.3233, 61.3876, 73.7355 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 71.3233, 61.3876, 73.7355 by changing the saturation by 10% instead.

71.3233, 61.3876,
73.7355

71.3233, 61.3876,
73.7355

454.3771,
429.6937, 492.6990

52.8896, 44.5380,
54.0821

120.1100,
106.8400, 126.2514

37.9417, 31.0937,
38.2737

151.1936,
136.2115, 159.9509

26.1145, 20.6702,
25.8917

187.2246,
170.5259, 199.1696

17.0424, 12.8832,
16.5176

228.5683,
210.1675, 244.3260

10.3602, 7.3481,
9.7328

275.5900,
255.5207, 295.8385

5.7025, 3.6808,
5.1189

328.6551,

2.7040, 1.4966,

306.9699, 354.1259

2.2572

388.1291,
364.8994, 419.6065

■ 0.9992, 0.2864,
0.7071

■ 0.0000, 0.0000,
0.0000

■ 71.3233, 61.3876,
73.7355

■ 71.3233, 61.3876,
73.7355

■ 64.6731, 50.8872,
62.8866

■ 79.0905, 73.8725,
85.7253

■ 59.0807, 42.2600,
53.1375

■ 88.0211, 88.4300,
98.8876

■ 54.4877, 35.3956,
44.4499

95.0500, 100.0000,
108.9000

■ 50.8283, 30.1686,
36.7811

■ 48.0279, 26.4371,
30.0848

■ 45.9994, 24.0342,
24.3092

■ 44.6327, 22.7474,
19.3940

■ 44.3091, 22.4876,
18.0916

Harmonies

Analogous

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



68.1831, 61.3876, 92.7403



71.3233, 61.3876, 73.7355



70.7999, 61.3876, 55.9204

Triad

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



71.3233, 61.3876, 73.7355



54.3978, 61.3876, 38.7016



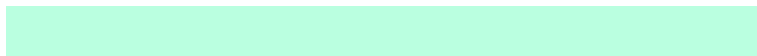
50.6379, 61.3876, 97.2794

Complementary

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



71.3233, 61.3876, 73.7355



69.4664, 87.3420, 83.7220

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.



47.4474, 61.3876, 79.0974



71.3233, 61.3876, 73.7355



49.5056, 61.3876, 46.2767

Square

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



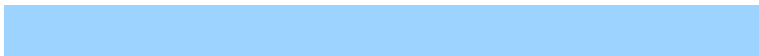
71.3233, 61.3876, 73.7355



60.7073, 61.3876, 37.7957



47.0487, 61.3876, 60.3896



56.0488, 61.3876, 107.8986

Rectangle

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



71.3233, 61.3876, 73.7355



68.4537, 61.3876, 46.9304



47.0487, 61.3876, 60.3896



49.2876, 61.3876, 91.7099

Sweetspot

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



71.3248, 61.3902, 73.7368



87.1273, 86.9652, 97.5945



66.3361, 58.1802, 102.3413



18.3486, 18.1227, 20.4527



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.



71.3248, 61.3902, 73.7368



67.9005, 55.9568, 68.2328



68.3994, 61.3971, 54.7036



18.3486, 18.1227, 20.4527



23.2252, 11.7794, 9.8363



2.3155, 1.1686, 1.2427

Inverse Universe

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



71.3248, 61.3902, 73.7368



67.9005, 55.9568, 68.2328



72.9706, 86.9986, 107.5542



18.3486, 18.1227, 20.4527



23.2252, 11.7794, 9.8363



2.3155, 1.1686, 1.2427

Previews

White Background



This preview shows how the XYZ color 71.3233, 61.3876, 73.7355 looks on a white background.

Color Contrast Check

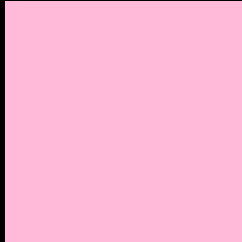
Large Text (above 18pt) WCAG AA × Fail

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 71.3233, 61.3876, 73.7355 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

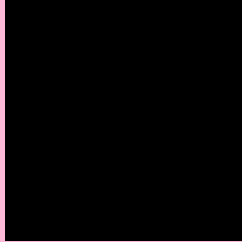
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.3233, 61.3876, 73.7355

Background



This preview shows how black text looks on a background with the XYZ color 71.3233, 61.3876, 73.7355.



This preview shows how white text looks on a background with the XYZ color 71.3233, 61.3876,

73.7355.

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

71.3233, 61.3876, 73.7355

Protanopia

60.2251, 61.4837, 82.0921

Deuteranopia

62.9161, 61.6932, 72.2103



Tritanopia

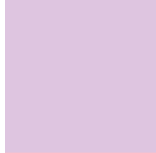
69.2707, 61.1609, 64.6542

Trichromacy



Original Color

71.3233, 61.3876, 73.7355



Protanomaly

63.5450, 60.8439, 78.9159



Deuteranomaly

65.7125, 61.4289, 72.6835



Tritanomaly

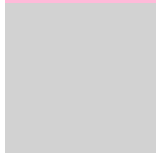
70.0285, 61.1655, 67.7897

Monochromacy



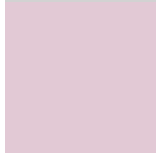
Original Color

71.3233, 61.3876, 73.7355



Achromatopsia

61.2578, 64.4480, 70.1838



Achromatomaly

64.2609, 62.7461, 71.6751

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.3233, 61.3876, 73.7355 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, 217)` looks like.

```
.text, #text, p{  
    color:rgb(255, 186, 217)  
}
```

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, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 186, 217) }
```

Border

The CSS property to change the border of an element to XYZ 71.3233, 61.3876, 73.7355 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, 217) }
```


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

```
.border{ border-color:rgb(255, 186, 217) }
```

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, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 186, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 186, 217);  
box-shadow:4px 4px 4px 4px rgb(255, 186,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 71.3233, 61.3876, 73.7355 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, 217) }
```

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

```
.background{ background-color: rgb(255,  
186, 217) }
```

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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