

Converting Colors

XYZ(73.5070, 63.0062, 82.9376)

Have a look what the booklet for
XYZ(73.5070, 63.0062, 82.9376)
contains.

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Color

**XYZ(73.5061, 62.9396,
83.1373)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBCE6
RGB	255, 188, 230
RGB Percent	100%, 74%, 90%
CMY	0.0000, 0.2627, 0.0980
CMYK	0.00, 0.26, 0.10, 0.00
HSL	322°, 100%, 87%
HSV	322°, 26%, 100%
XYZ	73.5061, 62.9396, 83.1373
YIQ	212.8210, 26.4500, 27.2660

Conversions

Conversions Part 2

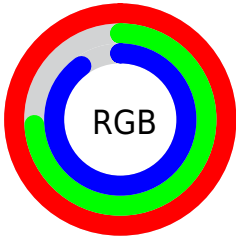
Format	Color
R _Y B	255, 188, 230
Decimal	16760038
CIE Lab	83.41, 30.46, -11.40
CIE LCh	83, 32.520, 339.475
Yxy	62.9396, 0.3348, 0.2866
Android (android.graphics.Color)	4294950118 (0xFFFFBCE6)
YUV	212.8210, 8.4692, 36.9910
Hunter-Lab	79.3345, 26.5510, -6.5979

Details

The XYZ color **73.5061, 62.9396, 83.1373** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **68.5114, 87.0165, 76.1389**, and the grayscale version is **63.0605, 66.3445, 72.2492**.

A 20% lighter version of the original color is **91.9424, 93.7848, 107.8641**, and **39.1910, 31.9765, 44.1509** is the 20% darker color. If you saturate the color by 10%, you get **67.2324, 52.4724, 74.6327**, and if you desaturate by 10%, it is **80.8182, 75.3660, 92.3495**.

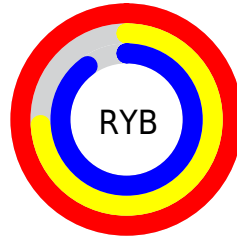
Distribution



Red (100%)

Green (74%)

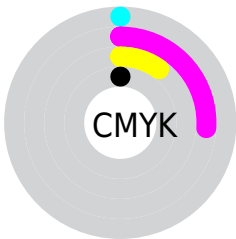
Blue (90%)



Red (100%)

Yellow (74%)

Blue (90%)

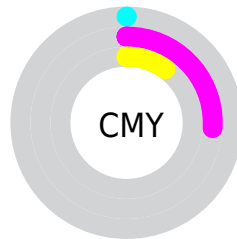


Cyan (0%)

Magenta (26%)

Yellow (10%)

Black (0%)



Cyan (0%)

Magenta (26%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.5061, 62.9396, 83.1373 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 73.5061, 62.9396, 83.1373 by changing the saturation by 10% instead.

73.5061, 62.9396,
83.1373

73.5061, 62.9396,
83.1373

461.8437,
435.3503, 525.4270

54.6797, 45.7923,
61.7622

123.1947,
109.0824, 139.6187

39.3782, 32.0820,
44.4060

154.7876,
138.8467, 175.5620

27.2361, 21.4241,
30.6503

191.3668,
173.5855, 217.1985

17.8881, 13.4344,
20.0765

233.2976,
213.6831, 264.9467

10.9689, 7.7283,
12.2660

280.9453,
259.5240, 319.2251

6.1131, 3.9216,
6.8004

334.6753,

2.9553, 1.6298,

311.4926, 380.4522

3.2610

394.8530,
369.9732, 449.0467

■ 1.1302, 0.3776,
1.2294

■ 0.0501, 0.0000,
0.0029

■ 73.5061, 62.9396,
83.1373

■ 73.5061, 62.9396,
83.1373

■ 67.2324, 52.4724,
74.6327

■ 80.8182, 75.3660,
92.3495

■ 61.9407, 43.8547,
66.8088

■ 89.2121, 89.8381,
102.2871

■ 57.5761, 36.9781,
59.6424

95.0500, 100.0000,
108.9000

■ 54.0760, 31.7196,
53.1067

■ 51.3700, 27.9400,
47.1719

■ 49.3753, 25.4760,
41.8042

■ 47.9894, 24.1248,
36.9629

■ 47.5718, 23.7927,
35.2726

Harmonies

Analogous

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



68.9058, 62.9396, 103.2659



73.5061, 62.9396, 83.1373



74.2876, 62.9396, 62.3076

Triad

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



73.5061, 62.9396, 83.1373



57.6079, 62.9396, 36.8062



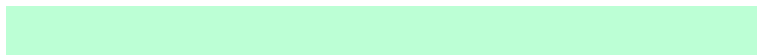
49.9125, 62.9396, 96.4410

Complementary

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



73.5061, 62.9396, 83.1373



68.5114, 87.0165, 76.1389

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.



47.3682, 62.9396, 75.1546



73.5061, 62.9396, 83.1373



51.5742, 62.9396, 42.6148

Square

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



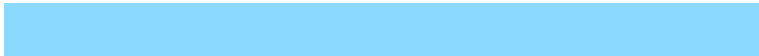
73.5061, 62.9396, 83.1373



64.7259, 62.9396, 38.1057



47.9516, 62.9396, 55.7434



55.1726, 62.9396, 111.9379

Rectangle

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



73.5061, 62.9396, 83.1373



72.4804, 62.9396, 51.0730



47.9516, 62.9396, 55.7434



48.7309, 62.9396, 89.5717

Sweetspot

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



73.5076, 62.9422, 83.1386



87.6823, 87.1872, 100.5172



63.3506, 57.2710, 102.3232



18.4884, 18.1787, 21.1888



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.



73.5076, 62.9422, 83.1386



69.7898, 56.7125, 78.1817



69.2955, 61.2574, 60.9580



18.4884, 18.1787, 21.1888



24.9320, 12.4621, 18.8241



2.4805, 1.2346, 2.1116

Inverse Universe

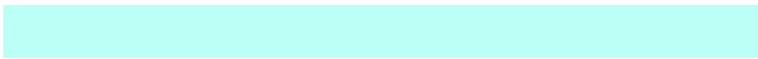
The Inverse Universe completely reimagines the original color for something new.



73.5076, 62.9422, 83.1386



69.7898, 56.7125, 78.1817



73.1454, 88.8701, 100.5416



18.4884, 18.1787, 21.1888



24.9320, 12.4621, 18.8241



2.4805, 1.2346, 2.1116

Previews

White Background



This preview shows how the XYZ color 73.5061, 62.9396, 83.1373 looks on a white background.

Color Contrast Check

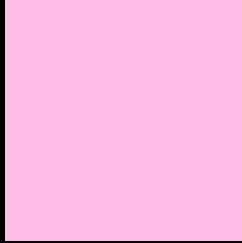
Large Text (above 18pt) WCAG AA × Fail

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 73.5061, 62.9396, 83.1373 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

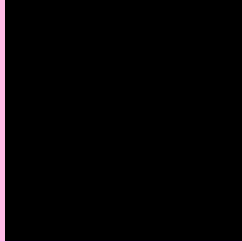
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.5061, 62.9396, 83.1373

Background



This preview shows how black text looks on a background with the XYZ color 73.5061, 62.9396, 83.1373.



This preview shows how white text looks on a background with the XYZ color 73.5061, 62.9396,

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

73.5061, 62.9396, 83.1373

Protanopia

62.4554, 63.1100, 92.8941

Deuteranopia

64.5009, 63.0028, 81.4342



Tritanopia

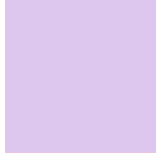
70.2570, 62.8997, 67.4694

Trichromacy



Original Color

73.5061, 62.9396, 83.1373



Protanomaly

65.6748, 62.3920, 89.4704



Deuteranomaly

67.5741, 62.8576, 81.9700



Tritanomaly

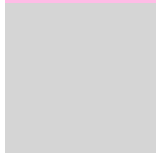
71.4046, 63.0505, 72.6965

Monochromacy



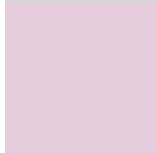
Original Color

73.5061, 62.9396, 83.1373



Achromatopsia

63.2451, 66.5387, 72.4607



Achromatomaly

66.3740, 64.7942, 76.0261

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.5061, 62.9396, 83.1373 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, 230)` looks like.

```
.text, #text, p{  
    color:rgb(255, 188, 230)  
}
```

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, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 188, 230) }
```

Border

The CSS property to change the border of an element to XYZ 73.5061, 62.9396, 83.1373 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, 230) }
```


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

```
.border{ border-color:rgb(255, 188, 230) }
```

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, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 188, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 188, 230);  
box-shadow:4px 4px 4px 4px rgb(255, 188,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 73.5061, 62.9396, 83.1373 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, 230) }
```

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

```
.background{ background-color: rgb(255,  
188, 230) }
```

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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