

Converting Colors

XYZ(95.4722, 73.8520, 82.8392)

Have a look what the booklet for
XYZ(95.4722, 73.8520, 82.8392)
contains.

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Color

**XYZ(73.0139, 62.4021,
81.5953)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBBE4
RGB	255, 187, 228
RGB Percent	100%, 73%, 89%
CMY	0.0000, 0.2666, 0.1059
CMYK	0.00, 0.27, 0.11, 0.00
HSL	324°, 100%, 87%
HSV	324°, 27%, 100%
XYZ	73.0139, 62.4021, 81.5953
YIQ	212.0060, 27.3670, 27.1670

Conversions

Conversions Part 2

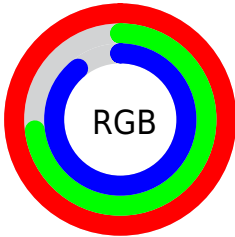
Format	Color
R _Y B	255, 187, 228
Decimal	16759780
CIE Lab	83.13, 30.65, -10.75
CIE LCh	83, 32.484, 340.667
Yxy	62.4021, 0.3365, 0.2876
Android (android.graphics.Color)	4294949860 (0xFFFFBBE4)
YUV	212.0060, 7.8850, 37.7057
Hunter-Lab	78.9950, 26.7436, -5.9452

Details

The XYZ color **73.0139, 62.4021, 81.5953** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **68.3932, 86.9409, 76.7982**, and the grayscale version is **62.5212, 65.7772, 71.6313**.

A 20% lighter version of the original color is **91.6407, 93.1814, 107.7636**, and **38.9563, 31.6625, 43.5934** is the 20% darker color. If you saturate the color by 10%, you get **66.7121, 51.9824, 72.7619**, and if you desaturate by 10%, it is **80.3614, 74.7809, 91.1851**.

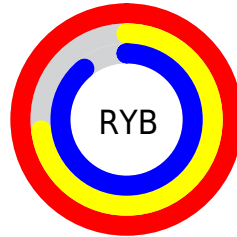
Distribution



Red (100%)

Green (73%)

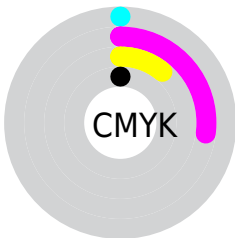
Blue (89%)



Red (100%)

Yellow (73%)

Blue (89%)

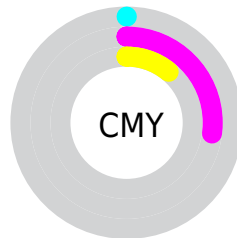


Cyan (0%)

Magenta (27%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (27%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.0139, 62.4021, 81.5953 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 73.0139, 62.4021, 81.5953 by changing the saturation by 10% instead.


 73.0139, 62.4021,
81.5953

 73.0139, 62.4021,
81.5953

460.1660,
433.3963, 520.1408

 54.2757, 45.3577,
60.4981


 122.5000,
108.3065, 137.4379

 39.0537, 31.7393,
43.3924

153.9786,
137.9352, 173.0204

 26.9824, 21.1624,
29.8594


190.4348,
172.5275, 214.2685

 17.6965, 13.2428,
19.4807

232.2338,
212.4678, 261.6007

 10.8307, 7.5959,
11.8379

279.7411,
258.1404, 315.4354

 6.0196, 3.8375,
6.5122

333.3220,

 2.8978, 1.5831,

309.9298, 376.1914

3.0852

393.3419,
368.2203, 444.2870

■ 1.0999, 0.3462,
1.1383

■ 0.0251, 0.0000,
0.0000

■ 73.0139, 62.4021,
81.5953

■ 73.0139, 62.4021,
81.5953

■ 66.7121, 51.9824,
72.7619

■ 80.3614, 74.7809,
91.1851

■ 61.3995, 43.4118,
64.6567

■ 88.7987, 89.2056,
101.5503

■ 57.0205, 36.5813,
57.2550

95.0500, 100.0000,
108.9000

■ 53.5122, 31.3672,
50.5285

■ 50.8032, 27.6295,
44.4459

■ 48.8102, 25.2036,
38.9718

■ 47.4286, 23.8832,
34.0634

■ 47.0515, 23.5846,
32.5331

Harmonies

Analogous

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



68.5708, 62.4021, 101.7720



73.0139, 62.4021, 81.5953



73.6233, 62.4021, 61.0234

Triad

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



73.0139, 62.4021, 81.5953



56.8424, 62.4021, 36.5409



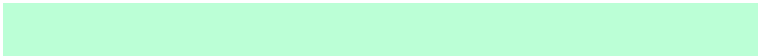
49.6307, 62.4021, 96.4484

Complementary

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



73.0139, 62.4021, 81.5953



68.3932, 86.9409, 76.7982

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.



46.9858, 62.4021, 75.3718



73.0139, 62.4021, 81.5953



50.9254, 62.4021, 42.5917

Square

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



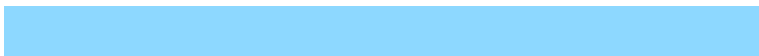
73.0139, 62.4021, 81.5953



63.9035, 62.4021, 37.5521



47.4403, 62.4021, 55.9094



54.9446, 62.4021, 111.4517

Rectangle

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



73.0139, 62.4021, 81.5953



71.7247, 62.4021, 50.0385



47.4403, 62.4021, 55.9094



48.4198, 62.4021, 89.6833

Sweetspot

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



73.0154, 62.4047, 81.5966



87.6069, 87.1571, 100.1201



63.2826, 56.9199, 102.2590



18.4693, 18.1710, 21.0886



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.



73.0154, 62.4047, 81.5966



69.5256, 56.6069, 76.7903



68.8550, 60.7406, 59.6885



18.4693, 18.1710, 21.0886



24.6611, 12.3537, 17.3977



2.4551, 1.2244, 1.9778

Inverse Universe

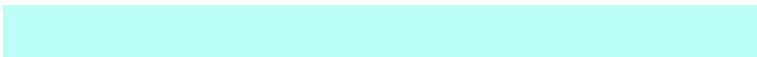
The Inverse Universe completely reimagines the original color for something new.



73.0154, 62.4047, 81.5966



69.5256, 56.6069, 76.7903



73.0539, 88.8051, 101.3410



18.4693, 18.1710, 21.0886



24.6611, 12.3537, 17.3977



2.4551, 1.2244, 1.9778

Previews

White Background



This preview shows how the XYZ color 73.0139, 62.4021, 81.5953 looks on a white background.

Color Contrast Check

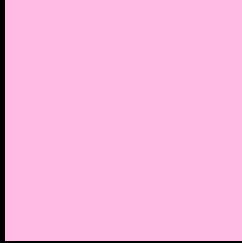
Large Text (above 18pt) WCAG AA × Fail

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 73.0139, 62.4021, 81.5953 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

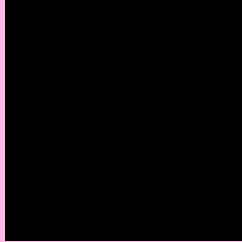
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.0139, 62.4021, 81.5953

Background



This preview shows how black text looks on a background with the XYZ color 73.0139, 62.4021, 81.5953.



This preview shows how white text looks on a background with the XYZ color 73.0139, 62.4021,

81.5953.

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

73.0139, 62.4021, 81.5953

Protanopia

61.8869, 62.8514, 91.3078

Deuteranopia

63.9246, 62.7374, 79.9745



Tritanopia

69.9163, 62.4133, 66.7545

Trichromacy



Original Color

73.0139, 62.4021, 81.5953



Protanomaly

65.3825, 62.2751, 87.9312



Deuteranomaly

66.9724, 62.5793, 80.5007



Tritanomaly

71.0591, 62.5646, 71.9493

Monochromacy



Original Color

73.0139, 62.4021, 81.5953



Achromatopsia

62.5785, 65.8375, 71.6970



Achromatomaly

66.0057, 64.2678, 75.2557

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.0139, 62.4021, 81.5953 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, 187, 228)` looks like.

```
.text, #text, p{  
    color:rgb(255, 187, 228)  
}
```

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, 187, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 187, 228) }
```

Border

The CSS property to change the border of an element to XYZ 73.0139, 62.4021, 81.5953 is called "border". The border property can be set on classes, ids or directly on the HTML element.

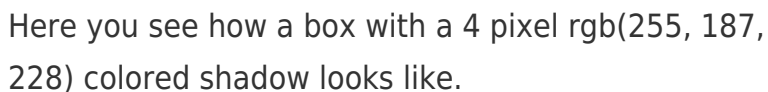
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 187, 228) }
```


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

```
.border{ border-color:rgb(255, 187, 228) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 187, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 187, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 187, 228); box-shadow:4px 4px 4px 4px rgb(255, 187, 228) }
```

Background

The CSS property to change the background color of an element to XYZ 73.0139, 62.4021, 81.5953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 187, 228) }
```

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

```
.background{ background-color: rgb(255,  
187, 228) }
```

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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