

Converting Colors

XYZ(72.4386, 63.9002, 73.2375)

Have a look what the booklet for
XYZ(72.4386, 63.9002, 73.2375)
contains.

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Color

**XYZ(72.4843, 63.9171,
73.4827)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC0D8
RGB	255, 192, 216
RGB Percent	100%, 75%, 85%
CMY	0.0000, 0.2470, 0.1529
CMYK	0.00, 0.25, 0.15, 0.00
HSL	337°, 100%, 88%
HSV	337°, 25%, 100%
XYZ	72.4843, 63.9171, 73.4827
YIQ	213.5730, 29.8440, 20.8200

Conversions

Conversions Part 2

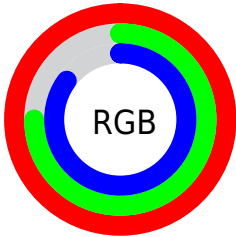
Format	Color
R _Y B	255, 192, 216
Decimal	16761048
CIE Lab	83.92, 26.11, -3.15
CIE LCh	84, 26.302, 353.121
Yxy	63.9171, 0.3454, 0.3045
Android (android.graphics.Color)	4294951128 (0xFFFFC0D8)
YUV	213.5730, 1.1965, 36.3315
Hunter-Lab	79.9482, 21.9261, 1.4685

Details

The XYZ color **72.4843, 63.9171, 73.4827** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.9242, 88.4970, 88.8956**, and the grayscale version is **63.6092, 66.9218, 72.8778**.

A 20% lighter version of the original color is **93.1657, 96.2314, 108.2719**, and **38.5475, 32.6205, 37.9829** is the 20% darker color. If you saturate the color by 10%, you get **65.4188, 52.8969, 61.5374**, and if you desaturate by 10%, it is **80.7189, 76.9611, 86.7868**.

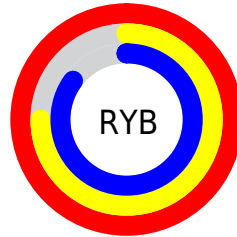
Distribution



Red (100%)

Green (75%)

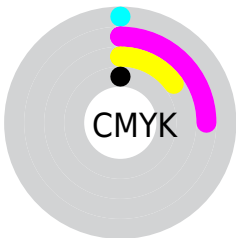
Blue (85%)



Red (100%)

Yellow (75%)

Blue (85%)

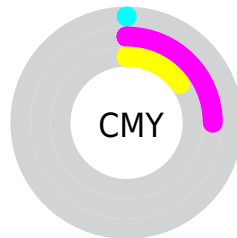


Cyan (0%)

Magenta (25%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (25%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.4843, 63.9171, 73.4827 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 72.4843, 63.9171, 73.4827 by changing the saturation by 10% instead.


 72.4843, 63.9171,
73.4827

 72.4843, 63.9171,
73.4827


458.3570,
438.8902, 491.8016

 53.8413, 46.5835,
53.8765


 121.7519,
110.4915, 125.8895

 38.7049, 32.7065,
38.1105


153.1072,
140.5012, 159.5272

 26.7100, 21.9017,
25.7659


189.4306,
175.5050, 198.6791

 17.4910, 13.7847,
16.4244

231.0875,
215.8874, 243.7639

 10.6826, 7.9711,
9.6674

278.4432,
262.0327, 295.2000

 5.9196, 4.0764,
5.0763

331.8632,

 2.8364, 1.7164,

314.3253, 353.4059

2.2326

391.7126,
373.1497, 418.8003

■ 1.0679, 0.4343,
0.6931

■ 0.0000, 0.0000,
0.0000

■ 72.4843, 63.9171,
73.4827

■ 72.4843, 63.9171,
73.4827

■ 65.4188, 52.8969,
61.5374

■ 80.7189, 76.9611,
86.7868

■ 59.4624, 43.7902,
50.9013

■ 90.1697, 92.1157,
101.4890

■ 54.5564, 36.4883,
41.5273

95.0500, 100.0000,
108.9000

■ 50.6344, 30.8684,
33.3636

■ 47.6223, 26.7922,
26.3539

■ 45.4342, 24.0988,
20.4366

■ 43.9658, 22.5911,
15.5416

■ 43.4039, 22.1256,
13.3249

Harmonies

Analogous

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



70.0960, 63.9171, 90.5297



72.4843, 63.9171, 73.4827



71.5726, 63.9171, 57.8138

Triad

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



72.4843, 63.9171, 73.4827



56.4849, 63.9171, 44.2038



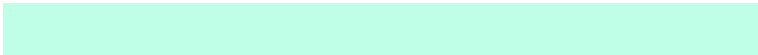
54.3139, 63.9171, 98.3319

Complementary

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



72.4843, 63.9171, 73.4827



71.9242, 88.4970, 88.8956

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.



51.0797, 63.9171, 82.8766



72.4843, 63.9171, 73.4827



52.2764, 63.9171, 52.1652

Square

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



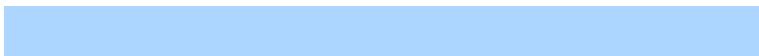
72.4843, 63.9171, 73.4827



62.0941, 63.9171, 42.5038



50.3581, 63.9171, 65.8466



59.4280, 63.9171, 106.2787

Rectangle

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



72.4843, 63.9171, 73.4827



69.2424, 63.9171, 50.0017



50.3581, 63.9171, 65.8466



52.9843, 63.9171, 93.7353

Sweetspot

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



72.4858, 63.9198, 73.4840



87.8891, 88.4438, 97.9867



69.8083, 61.8863, 102.8737



18.6859, 18.7281, 20.7788



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.



72.4858, 63.9198, 73.4840



68.6010, 57.8365, 66.9904



71.2604, 66.0766, 58.8709



18.2957, 18.1016, 20.1741



22.7464, 11.5879, 7.3151



2.2660, 1.1488, 0.9820

Inverse Universe

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



72.4858, 63.9198, 73.4840



68.6010, 57.8365, 66.9904



73.2499, 85.3475, 107.2208



18.2957, 18.1016, 20.1741



22.7464, 11.5879, 7.3151



2.2660, 1.1488, 0.9820

Previews

White Background



This preview shows how the XYZ color 72.4843, 63.9171, 73.4827 looks on a white background.

Color Contrast Check

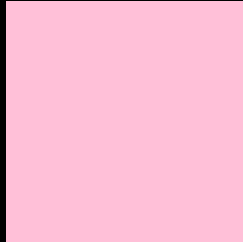
Large Text (above 18pt) WCAG AA × Fail

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 72.4843, 63.9171, 73.4827 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

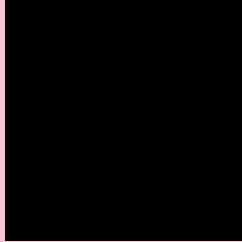
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.4843, 63.9171, 73.4827

Background



This preview shows how black text looks on a background with the XYZ color 72.4843, 63.9171, 73.4827.



This preview shows how white text looks on a background with the XYZ color 72.4843, 63.9171,

73.4827.

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

72.4843, 63.9171, 73.4827

Protanopia

62.5778, 64.1580, 81.0370

Deuteranopia

65.4884, 64.0609, 72.5317



Tritanopia

71.3282, 63.7648, 68.2229

Trichromacy



Original Color

72.4843, 63.9171, 73.4827



Protanomaly

65.6694, 63.6837, 77.9383



Deuteranomaly

67.9491, 63.9303, 73.0485



Tritanomaly

71.7009, 63.9139, 70.1856

Monochromacy



Original Color

72.4843, 63.9171, 73.4827



Achromatopsia

63.9157, 67.2443, 73.2291



Achromatomaly

66.6501, 65.7069, 73.4598

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.4843, 63.9171, 73.4827 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, 192, 216)` looks like.

```
.text, #text, p{  
    color:rgb(255, 192, 216)  
}
```

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, 192, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 192, 216) }
```

Border

The CSS property to change the border of an element to XYZ 72.4843, 63.9171, 73.4827 is called "border". The border property can be set on classes, ids or directly on the HTML element.

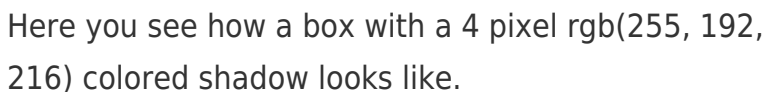
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 192, 216) }
```


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

```
.border{ border-color:rgb(255, 192, 216) }
```

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



Here you see how a box with a 4 pixel rgb(255, 192, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 192, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 192, 216);  
box-shadow:4px 4px 4px 4px rgb(255, 192,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 72.4843, 63.9171, 73.4827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 192, 216) }
```

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

```
.background{ background-color: rgb(255,  
192, 216) }
```

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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