

Converting Colors

XYZ(71.6355, 63.4973, 73.1528)

Have a look what the booklet for
XYZ(71.6355, 63.4973, 73.1528)
contains.

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Color

**XYZ(71.7523, 63.5398,
73.4484)**

Conversions

Conversions Part 1

Format	Color
Hex	FDC0D8
RGB	253, 192, 216
RGB Percent	99%, 75%, 85%
CMY	0.0078, 0.2470, 0.1529
CMYK	0.00, 0.24, 0.15, 0.01
HSL	336°, 94%, 87%
HSV	336°, 24%, 99%
XYZ	71.7523, 63.5398, 73.4484
YIQ	212.9750, 28.6520, 20.3960

Conversions

Conversions Part 2

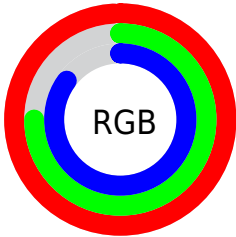
Format	Color
R _Y B	253, 192, 216
Decimal	16629976
CIE Lab	83.73, 25.42, -3.46
CIE LCh	84, 25.653, 352.243
Yxy	63.5398, 0.3437, 0.3044
Android (android.graphics.Color)	4294820056 (0xFFFD C0D8)
YUV	212.9750, 1.4913, 35.1019
Hunter-Lab	79.7119, 21.1803, 1.1671

Details

The XYZ color **71.7523, 63.5398, 73.4484** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.0089, 87.1158, 87.2053**, and the grayscale version is **63.2076, 66.4993, 72.4178**.

A 20% lighter version of the original color is **93.1657, 96.2314, 108.2719**, and **38.2865, 32.4859, 37.9707** is the 20% darker color. If you saturate the color by 10%, you get **64.7752, 52.6134, 61.7867**, and if you desaturate by 10%, it is **79.8732, 76.4557, 86.4072**.

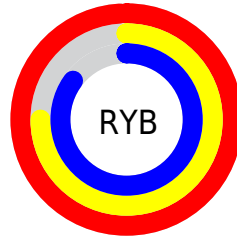
Distribution



Red (99%)

Green (75%)

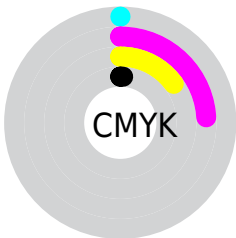
Blue (85%)



Red (99%)

Yellow (75%)

Blue (85%)

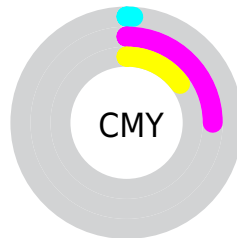


Cyan (0%)

Magenta (24%)

Yellow (15%)

Black (1%)



Cyan (1%)


Magenta (25%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.7523, 63.5398, 73.4484 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 71.7523, 63.5398, 73.4484 by changing the saturation by 10% instead.

 71.7523, 63.5398,
73.4484

 71.7523, 63.5398,
73.4484


455.8500,
437.5259, 491.6798

 53.2411, 46.2780,
53.8486

 120.7170,
109.9479, 125.8404

 38.2235, 32.4653,
38.0883


151.9012,
139.8630, 159.4697

 26.3342, 21.7171,
25.7489


188.0405,
174.7648, 198.6126

 17.2078, 13.6492,
16.4118

229.5002,
215.0375, 243.6876

 10.4790, 7.8771,
9.6585

276.6456,
261.0655, 295.1133

 5.7824, 4.0164,
5.0705


329.8421,

 2.7526, 1.6827,


313.2333, 353.3082


2.2292


389.4552,
371.9253, 418.6909


 1.0243, 0.4124,
0.6912


 0.0000, 0.0000,
0.0000


 71.7523, 63.5398,
73.4484


 71.7523, 63.5398,
73.4484


 64.7752, 52.6134,
61.7867


 79.8732, 76.4557,
86.4072

 58.8826, 43.5683,
51.3752

 89.1827, 91.4452,
100.6997

 54.0178, 36.2988,
42.1697

 94.3183, 99.6228,
108.8658

 50.1167, 30.6854,
34.1216

■ 47.1074, 26.5936,
27.1783

■ 44.9070, 23.8675,
21.2819

■ 43.4151, 22.3167,
16.3667

■ 42.7859, 21.7938,
13.8892

Harmonies

Analogous

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



69.3509, 63.5398, 89.9302



71.7523, 63.5398, 73.4484



70.9636, 63.5398, 58.1118

Triad

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



71.7523, 63.5398, 73.4484



56.3915, 63.5398, 44.2979



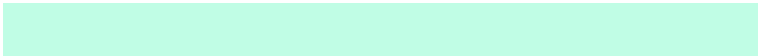
54.0110, 63.5398, 96.6679

Complementary

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



71.7523, 63.5398, 73.4484



71.0089, 87.1158, 87.2053

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.



50.9274, 63.5398, 81.5803



71.7523, 63.5398, 73.4484



52.2411, 63.5398, 51.9024

Square

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



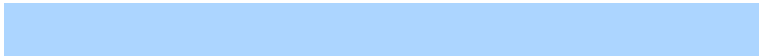
71.7523, 63.5398, 73.4484



61.8639, 63.5398, 42.8135



50.3001, 63.5398, 65.0880



58.9450, 63.5398, 104.6265

Rectangle

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



71.7523, 63.5398, 73.4484



68.7561, 63.5398, 50.3844



50.3001, 63.5398, 65.0880



52.7366, 63.5398, 92.1598

Sweetspot

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



71.7541, 63.5427, 73.4497



87.9229, 88.4574, 98.1650



68.7673, 61.3866, 101.1535



18.6938, 18.7313, 20.8201



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.



71.7541, 63.5427, 73.4497



69.4246, 58.9883, 68.7922



70.2416, 65.1253, 58.7410



18.3053, 18.1054, 20.2248



22.8269, 11.6201, 7.7391



2.2745, 1.1522, 1.0267

Inverse Universe

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



71.7541, 63.5427, 73.4497



69.4246, 58.9883, 68.7922



72.7001, 84.7604, 105.4578



18.3053, 18.1054, 20.2248



22.8269, 11.6201, 7.7391



2.2745, 1.1522, 1.0267

Previews

White Background



This preview shows how the XYZ color 71.7523, 63.5398, 73.4484 looks on a white background.

Color Contrast Check

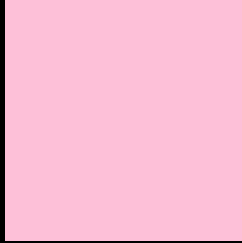
Large Text (above 18pt) WCAG AA × Fail

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 71.7523, 63.5398, 73.4484 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 71.7523, 63.5398, 73.4484

Background



This preview shows how black text looks on a background with the XYZ color 71.7523, 63.5398, 73.4484.



This preview shows how white text looks on a background with the XYZ color 71.7523, 63.5398,

73.4484.

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

71.7523, 63.5398, 73.4484

Protanopia

62.1589, 63.9579, 80.3031

Deuteranopia

65.1721, 63.8978, 72.5169



Tritanopia

70.6000, 63.3894, 68.1889

Trichromacy



Original Color

71.7523, 63.5398, 73.4484

Protanomaly

65.0458, 63.3623, 77.9091

Deuteranomaly

67.2812, 63.5860, 73.0172

Tritanomaly

70.9727, 63.5385, 70.1515

Monochromacy



Original Color

71.7523, 63.5398, 73.4484

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

65.9638, 65.0117, 72.6902

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.7523, 63.5398, 73.4484 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(253, 192, 216)` looks like.

```
.text, #text, p{  
    color:rgb(253, 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(253, 192, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 192, 216) }
```

Border

The CSS property to change the border of an element to XYZ 71.7523, 63.5398, 73.4484 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(253, 192, 216) }
```


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

```
.border{ border-color:rgb(253, 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(253, 192, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 192, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 192, 216);  
box-shadow:4px 4px 4px 4px rgb(253, 192,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 71.7523, 63.5398, 73.4484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 192, 216) }
```

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

```
.background{ background-color: rgb(253,  
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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