

Converting Colors

XYZ(79.3192, 75.2659, 86.0315)

Have a look what the booklet for
XYZ(79.3192, 75.2659, 86.0315)
contains.

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Color

**XYZ(79.2323, 75.2530,
85.9506)**

Conversions

Conversions Part 1

Format	Color
Hex	FDD7E7
RGB	253, 215, 231
RGB Percent	99%, 84%, 91%
CMY	0.0078, 0.1568, 0.0941
CMYK	0.00, 0.15, 0.09, 0.01
HSL	335°, 90%, 92%
HSV	335°, 15%, 99%
XYZ	79.2323, 75.2530, 85.9506
YIQ	228.1860, 17.5120, 13.0320

Conversions

Conversions Part 2

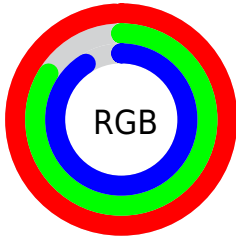
Format	Color
R _Y B	253, 215, 231
Decimal	16635879
CIE Lab	89.51, 15.78, -2.92
CIE LCh	90, 16.048, 349.507
Yxy	75.2530, 0.3295, 0.3130
Android (android.graphics.Color)	4294825959 (0xFFFD7E7)
YUV	228.1860, 1.3873, 21.7619
Hunter-Lab	86.7485, 11.2243, 1.9793

Details

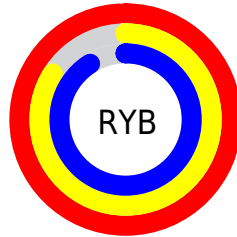
The XYZ color **79.2323, 75.2530, 85.9506** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.4387, 90.8142, 93.5199**, and the grayscale version is **73.8619, 77.7084, 84.6245**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.0736, 39.9725, 46.0027** is the 20% darker color. If you saturate the color by 10%, you get **71.2986, 62.5585, 73.5220**, and if you desaturate by 10%, it is **88.3397, 90.0157, 99.6266**.

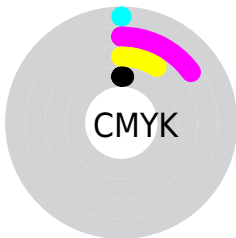
Distribution



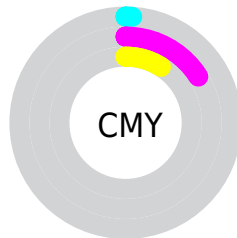
- Red (99%)
- Green (84%)
- Blue (91%)



- Red (99%)
- Yellow (84%)
- Blue (91%)



- Cyan (0%)
- Magenta (15%)
- Yellow (9%)
- Black (1%)





- Cyan (1%)
- Magenta (16%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.2323, 75.2530, 85.9506 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 79.2323, 75.2530, 85.9506 by changing the saturation by 10% instead.


 79.2323, 75.2530,
85.9506

 79.2323, 75.2530,
85.9506


481.1179,
478.7867, 534.9947

 59.3931, 55.8202,
64.0725


131.2420,
126.6704, 143.5865

 43.1772, 40.0588,
46.2628


164.1433,
159.4238, 180.1813

 30.2193, 27.5844,
32.1031


202.1293,
197.3862, 222.5188

 20.1540, 18.0126,
21.1748

245.5654,
240.9420, 271.0174

 12.6160, 10.9590,
13.0593

294.8170,
290.4755, 326.0958

 7.2398, 6.0393,
7.3382

350.2493,

 3.6602, 2.8690,

346.3712, 388.1725

3.5929

412.2279,
409.0135, 457.6659

■ 1.5117, 1.0637,
1.4048

■ 0.3338, 0.0000,
0.1454

■ 79.2323, 75.2530,
85.9506

■ 79.2323, 75.2530,
85.9506

■ 71.2986, 62.5585,
73.5220

■ 88.3397, 90.0157,
99.6266

■ 64.4822, 51.8294,
62.2986

■ 94.3185, 99.6229,
108.8658

■ 58.7318, 42.9688,
52.2424

■ 53.9893, 35.8678,
43.3116

■ 50.1904, 30.4058,
35.4613

■ 47.2634, 26.4471,
28.6428

■ 45.1251, 23.8337,
22.8024

■ 43.6738, 22.3713,
17.8788

■ 43.1367, 21.9342,
15.7354

Harmonies

Analogous

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



77.4400, 75.2530, 96.8411



79.2323, 75.2530, 85.9506



78.9030, 75.2530, 74.9076

Triad

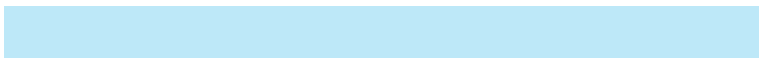
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.2323, 75.2530, 85.9506



69.0269, 75.2530, 63.1498



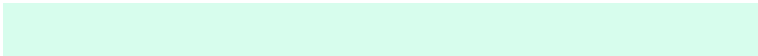
66.7207, 75.2530, 99.5603

Complementary

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



79.2323, 75.2530, 85.9506



78.4387, 90.8142, 93.5199

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.



64.6232, 75.2530, 89.3945



79.2323, 75.2530, 85.9506



65.9205, 75.2530, 68.6476

Square

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



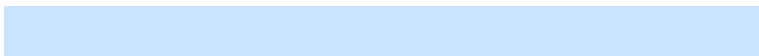
79.2323, 75.2530, 85.9506



72.9135, 75.2530, 62.4112



64.3358, 75.2530, 78.0517



70.1557, 75.2530, 105.1635

Rectangle

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



79.2323, 75.2530, 85.9506



77.5282, 75.2530, 68.9018



64.3358, 75.2530, 78.0517



65.8413, 75.2530, 96.5221

Sweetspot

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



79.2344, 75.2563, 85.9522



89.9506, 91.6668, 101.4487



76.8023, 73.6206, 103.0920



19.1051, 19.3792, 21.4957



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

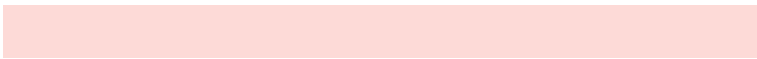
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.2344, 75.2563, 85.9522



78.1275, 72.5350, 83.5902



77.7270, 75.6934, 74.8075



18.3266, 18.1140, 20.3372



23.0158, 11.6956, 8.7337



2.2941, 1.1600, 1.1301

Inverse Universe

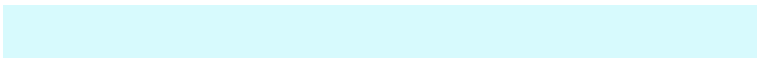
The Inverse Universe completely reimagines the original color for something new.



79.2344, 75.2563, 85.9522



78.1275, 72.5350, 83.5902



80.0872, 90.2026, 106.1195



18.3266, 18.1140, 20.3372



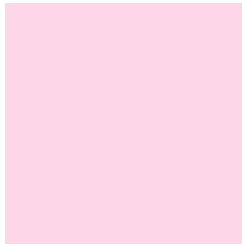
23.0158, 11.6956, 8.7337



2.2941, 1.1600, 1.1301

Previews

White Background



This preview shows how the XYZ color 79.2323, 75.2530, 85.9506 looks on a white background.

Color Contrast Check

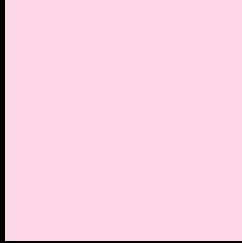
Large Text (above 18pt) WCAG AA × Fail

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 79.2323, 75.2530, 85.9506 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

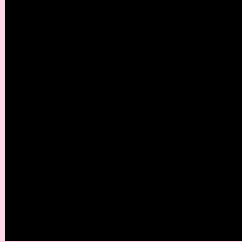
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.2323, 75.2530, 85.9506

Background



This preview shows how black text looks on a background with the XYZ color 79.2323, 75.2530, 85.9506.



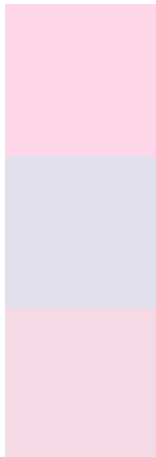
This preview shows how white text looks on a background with the XYZ color 79.2323, 75.2530,

85.9506.

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

79.2323, 75.2530, 85.9506

Protanopia

73.1600, 75.5362, 90.0809

Deuteranopia

77.0105, 75.2685, 85.3323



Tritanopia

79.3739, 75.3097, 86.6967

Trichromacy



Original Color

79.2323, 75.2530, 85.9506

Protanomaly

75.2998, 75.4863, 88.4435

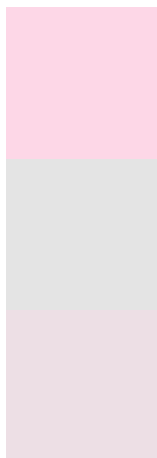
Deuteranomaly

77.8072, 75.2953, 85.2955

Tritanomaly

79.3739, 75.3097, 86.6967

Monochromacy



Original Color

79.2323, 75.2530, 85.9506

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

75.4556, 76.4370, 84.9056

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.2323, 75.2530, 85.9506 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, 215, 231)` looks like.

```
.text, #text, p{  
    color:rgb(253, 215, 231)  
}
```

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, 215, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 215, 231) }
```

Border

The CSS property to change the border of an element to XYZ 79.2323, 75.2530, 85.9506 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, 215, 231) }
```


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

```
.border{ border-color:rgb(253, 215, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 215, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 215, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 215, 231);  
box-shadow:4px 4px 4px 4px rgb(253, 215,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 79.2323, 75.2530, 85.9506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 215, 231) }
```

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

```
.background{ background-color: rgb(253,  
215, 231) }
```

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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