

Converting Colors

XYZ(79.7163, 75.1854, 85.7455)

Have a look what the booklet for
XYZ(79.7163, 75.1854, 85.7455)
contains.

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Color

**XYZ(79.7104, 75.1227,
85.9002)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD6E7
RGB	255, 214, 231
RGB Percent	100%, 84%, 91%
CMY	0.0000, 0.1608, 0.0941
CMYK	0.00, 0.16, 0.09, 0.00
HSL	335°, 100%, 92%
HSV	335°, 16%, 100%
XYZ	79.7104, 75.1227, 85.9002
YIQ	228.1970, 18.9790, 13.9790

Conversions

Conversions Part 2

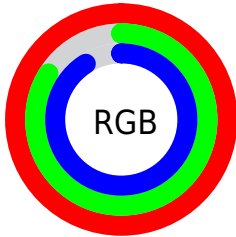
Format	Color
R_{YB}	255, 214, 231
Decimal	16766695
CIE _{Lab}	89.45, 16.99, -2.99
CIE _{LCh}	89, 17.249, 350.013
Yxy	75.1227, 0.3311, 0.3121
Android (android.graphics.Color)	4294956775 (0xFFFFD6E7)
YUV	228.1970, 1.3819, 23.5062
Hunter-Lab	86.6734, 12.4817, 1.9102

Details

The XYZ color **79.7104, 75.1227, 85.9002** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.9266, 91.9904, 94.4886**, and the grayscale version is **73.8690, 77.7159, 84.6327**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.4247, 39.8972, 45.9696** is the 20% darker color. If you saturate the color by 10%, you get **71.7357, 62.4047, 73.2798**, and if you desaturate by 10%, it is **88.8786, 89.9392, 99.8077**.

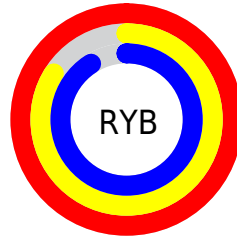
Distribution



Red (100%)

Green (84%)

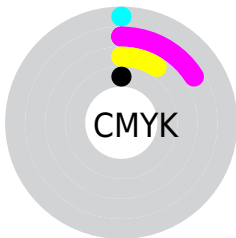
Blue (91%)



Red (100%)

Yellow (84%)

Blue (91%)

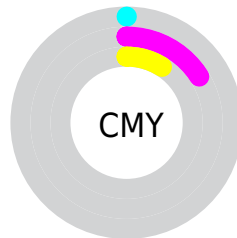


Cyan (0%)

Magenta (16%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.7104, 75.1227, 85.9002 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 79.7104, 75.1227, 85.9002 by changing the saturation by 10% instead.


 79.7104, 75.1227,
85.9002

 79.7104, 75.1227,
85.9002


482.7077,
478.3392, 534.8242

 59.7877, 55.7134,
64.0310


131.9112,
126.4860, 143.5155

 43.4964, 39.9732,
46.2295


164.9199,
159.2089, 180.0988

 30.4710, 27.5176,
32.0770


203.0215,
197.1384, 222.4237

 20.3462, 17.9624,
21.1550

246.5811,
240.6589, 270.9091

 12.7567, 10.9230,
13.0450

295.9642,
290.1548, 325.9732

 7.3370, 6.0151,
7.3284

351.5361,

 3.7220, 2.8542,

346.0106, 388.0347

3.5868

413.6622,
408.6106, 457.5122

■ 1.5461, 1.0561,
1.4015

■ 0.3569, 0.0000,
0.1429

■ 79.7104, 75.1227,
85.9002

■ 79.7104, 75.1227,
85.9002

■ 71.7357, 62.4047,
73.2798

■ 88.8786, 89.9392,
99.8077

■ 64.8980, 51.6804,
61.9026

95.0500, 100.0000,
108.9000

■ 59.1438, 42.8499,
51.7290

■ 54.4131, 35.8010,
42.7149

■ 50.6397, 30.4092,
34.8133

■ 47.7490, 26.5341,
27.9732

■ 45.6545, 24.0115,
22.1380

■ 44.2497, 22.6376,
17.2430

■ 43.8269, 22.2948,
15.5523

Harmonies

Analogous

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



77.8129, 75.1227, 97.6868



79.7104, 75.1227, 85.9002



79.3154, 75.1227, 74.0846

Triad

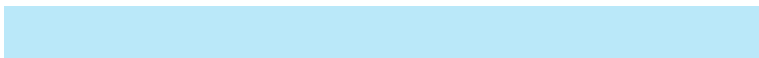
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.7104, 75.1227, 85.9002



68.6560, 75.1227, 61.8133



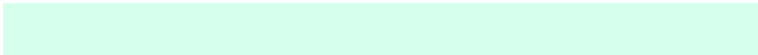
66.3045, 75.1227, 100.9608

Complementary

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



79.7104, 75.1227, 85.9002



78.9266, 91.9904, 94.4886

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.



64.0330, 75.1227, 90.0244



79.7104, 75.1227, 85.9002



65.3530, 75.1227, 67.7290

Square

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



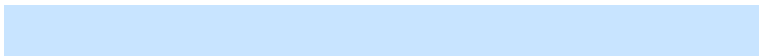
79.7104, 75.1227, 85.9002



72.8210, 75.1227, 60.9439



63.6917, 75.1227, 77.8244



70.0013, 75.1227, 106.9322

Rectangle

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



79.7104, 75.1227, 85.9002



77.8104, 75.1227, 67.7222



63.6917, 75.1227, 77.8244



65.3552, 75.1227, 97.6956

Sweetspot

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



79.7121, 75.1258, 85.9018



89.9379, 91.6617, 101.3821



77.3309, 73.4794, 104.7149



19.1020, 19.3780, 21.4795



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

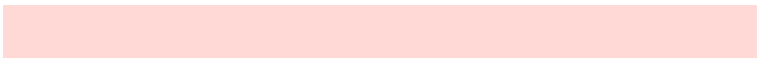
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.7121, 75.1258, 85.9018



77.2589, 71.1939, 82.0801



78.3002, 75.9590, 74.1571



18.3217, 18.1120, 20.3110



22.9706, 11.6775, 8.4956



2.2894, 1.1581, 1.1055

Inverse Universe

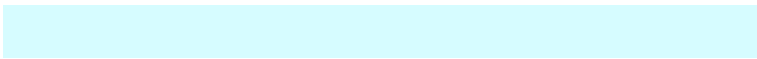
The Inverse Universe completely reimagines the original color for something new.



79.7121, 75.1258, 85.9018



77.2589, 71.1939, 82.0801



80.4632, 90.8768, 107.9078



18.3217, 18.1120, 20.3110



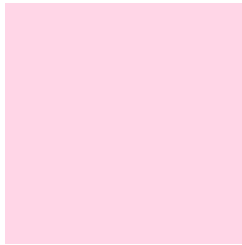
22.9706, 11.6775, 8.4956



2.2894, 1.1581, 1.1055

Previews

White Background



This preview shows how the XYZ color 79.7104, 75.1227, 85.9002 looks on a white background.

Color Contrast Check

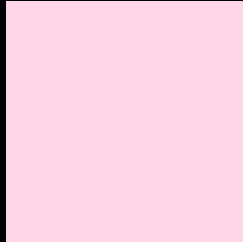
Large Text (above 18pt) WCAG AA × Fail

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 79.7104, 75.1227, 85.9002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

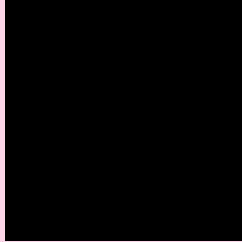
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.7104, 75.1227, 85.9002

Background



This preview shows how black text looks on a background with the XYZ color 79.7104, 75.1227, 85.9002.

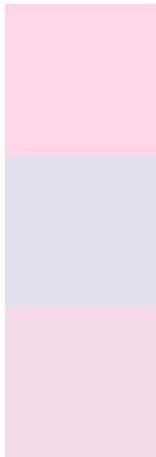


This preview shows how white text looks on a background with the XYZ color 79.7104, 75.1227,

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

79.7104, 75.1227, 85.9002

Protanopia

73.3057, 75.5945, 90.8483

Deuteranopia

76.6626, 75.0891, 85.3160



Tritanopia

79.7104, 75.1227, 85.9002

Trichromacy



Original Color

79.7104, 75.1227, 85.9002

Protanomaly

75.5136, 75.1891, 89.1302

Deuteranomaly

77.8072, 75.2953, 85.2955

Tritanomaly

79.7104, 75.1227, 85.9002

Monochromacy



Original Color

79.7104, 75.1227, 85.9002

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

75.7904, 76.6096, 84.9213

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.7104, 75.1227, 85.9002 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, 214, 231) looks like.

```
.text, #text, p{  
    color:rgb(255, 214, 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(255, 214, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 214, 231) }
```

Border

The CSS property to change the border of an element to XYZ 79.7104, 75.1227, 85.9002 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, 214, 231) }
```


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

```
.border{ border-color:rgb(255, 214, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 214, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 214, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 214, 231);  
box-shadow:4px 4px 4px 4px rgb(255, 214,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 79.7104, 75.1227, 85.9002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 214, 231) }
```

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

```
.background{ background-color: rgb(255,  
214, 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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