

Converting Colors

XYZ(75.7164, 74.2223, 85.2189)

Have a look what the booklet for
XYZ(75.7164, 74.2223, 85.2189)
contains.

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Color

**XYZ(75.7137, 74.2161,
85.1975)**

Conversions

Conversions Part 1

Format	Color
Hex	F2D9E6
RGB	242, 217, 230
RGB Percent	95%, 85%, 90%
CMY	0.0510, 0.1490, 0.0980
CMYK	0.00, 0.10, 0.05, 0.05
HSL	329°, 49%, 90%
HSV	329°, 10%, 95%
XYZ	75.7137, 74.2161, 85.1975
YIQ	225.9570, 10.7270, 9.3430

Conversions

Conversions Part 2

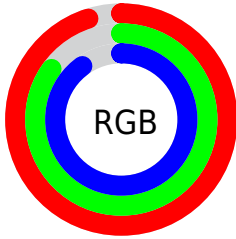
Format	Color
R _Y B	242, 217, 230
Decimal	15915494
CIE Lab	89.02, 10.81, -3.22
CIE LCh	89, 11.277, 343.406
Yxy	74.2161, 0.3220, 0.3156
Android (android.graphics.Color)	4294105574 (0xFFFF2D9E6)
YUV	225.9570, 1.9932, 14.0697
Hunter-Lab	86.1488, 6.1182, 1.6688

Details

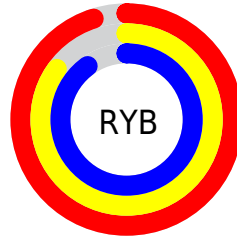
The XYZ color **75.7137, 74.2161, 85.1975** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.5131, 83.9150, 86.4027**, and the grayscale version is **72.2401, 76.0022, 82.7664**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.9079, 39.3749, 46.0015** is the 20% darker color. If you saturate the color by 10%, you get **68.3505, 62.0135, 74.9605**, and if you desaturate by 10%, it is **84.1045, 88.2979, 96.3154**.

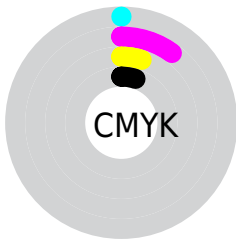
Distribution



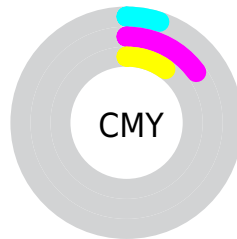
- Red (95%)
- Green (85%)
- Blue (90%)



- Red (95%)
- Yellow (85%)
- Blue (90%)



- Cyan (0%)
- Magenta (10%)
- Yellow (5%)
- Black (5%)





- Cyan (5%)
- Magenta (15%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.7137, 74.2161, 85.1975 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 75.7137, 74.2161, 85.1975 by changing the saturation by 10% instead.

 75.7137, 74.2161,
85.1975

 75.7137, 74.2161,
85.1975


469.3265,
475.2189, 532.4430

 56.4940, 54.9709,
63.4535


126.3046,
125.2021, 142.5257

 40.8377, 39.3784,
45.7648


158.4066,
157.7117, 178.9470

 28.3794, 27.0543,
31.7130


195.5334,
195.4116, 221.0977

 18.7538, 17.6140,
20.8793

238.0503,
238.6861, 269.3965

 11.5954, 10.6732,
12.8455

286.3227,
287.9197, 324.2619

 6.5391, 5.8475,
7.1927

340.7160,

 3.2193, 2.7526,

343.4968, 386.1124

3.5027

401.5955,
405.8017, 455.3666

■ 1.2708, 1.0040,
1.3567

■ 0.1612, 0.0000,
0.1076

■ 75.7137, 74.2161,
85.1975

■ 75.7137, 74.2161,
85.1975

■ 68.3505, 62.0135,
74.9605

■ 84.1045, 88.2979,
96.3154

■ 61.9669, 51.6003,
65.5752

■ 90.1458, 97.5044,
107.1959

■ 56.5202, 42.8938,
57.0178

■ 90.4284, 97.6175,
108.6837

■ 51.9621, 35.8008,
49.2610

■ 48.2396, 30.2193,
42.2758

■ 45.2941, 26.0354,
36.0308

■ 43.0582, 23.1188,
30.4913

■ 41.4524, 21.3143,
25.6181

■ 40.3728, 20.3792,
21.4842

Harmonies

Analogous

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



74.2249, 74.2161, 92.2807



75.7137, 74.2161, 85.1975



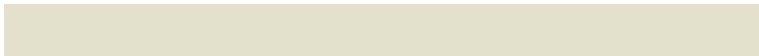
75.7933, 74.2161, 77.3588

Triad

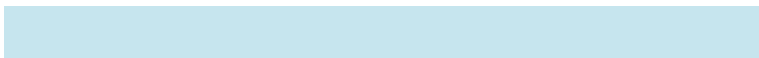
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.7137, 74.2161, 85.1975



69.3250, 74.2161, 66.9945



66.7793, 74.2161, 91.6332

Complementary

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



75.7137, 74.2161, 85.1975



74.5131, 83.9150, 86.4027

Split Complementary

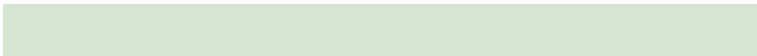
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



65.5356, 74.2161, 84.3597



75.7137, 74.2161, 85.1975



66.9795, 74.2161, 70.3293

Square

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



75.7137, 74.2161, 85.1975



72.0564, 74.2161, 67.1866



65.6079, 74.2161, 76.5733



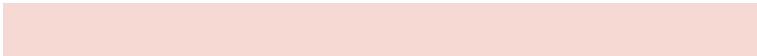
69.0454, 74.2161, 96.1578

Rectangle

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



75.7137, 74.2161, 85.1975



75.0329, 74.2161, 72.7785



65.6079, 74.2161, 76.5733



66.2304, 74.2161, 89.4090

Sweetspot

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



75.7158, 74.2193, 85.1991



92.0722, 94.9815, 105.0182



73.0495, 72.6433, 94.1768



19.5408, 20.0500, 22.2595



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

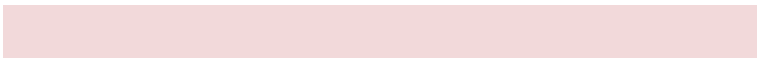
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.7158, 74.2193, 85.1991



83.7775, 81.0963, 93.9171



74.0665, 73.5596, 76.5139



16.1160, 15.8961, 18.1672



21.7579, 10.9756, 11.9077



1.8603, 0.9332, 1.2554

Inverse Universe

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



75.7158, 74.2193, 85.1991



83.7775, 81.0963, 93.9171



76.2718, 84.6185, 95.6638



16.1160, 15.8961, 18.1672



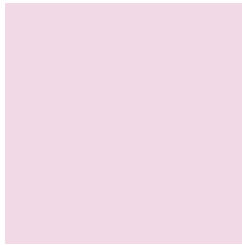
21.7579, 10.9756, 11.9077



1.8603, 0.9332, 1.2554

Previews

White Background



This preview shows how the XYZ color 75.7137, 74.2161, 85.1975 looks on a white background.

Color Contrast Check

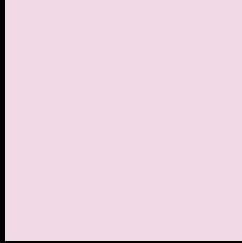
Large Text (above 18pt) WCAG AA × Fail

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 75.7137, 74.2161, 85.1975 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

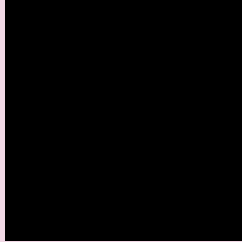
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.7137, 74.2161, 85.1975

Background



This preview shows how black text looks on a background with the XYZ color 75.7137, 74.2161, 85.1975.



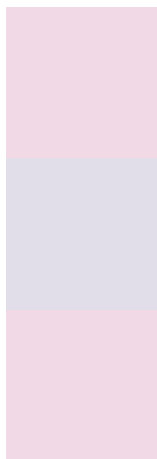
This preview shows how white text looks on a background with the XYZ color 75.7137, 74.2161,

85.1975.

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

75.7137, 74.2161, 85.1975

Protanopia

71.8806, 74.1333, 87.6114

Deuteranopia

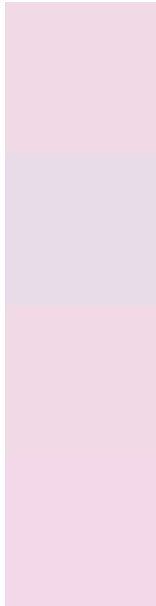
75.7137, 74.2161, 85.1975



Tritanopia

75.8818, 73.8722, 87.3501

Trichromacy



Original Color

75.7137, 74.2161, 85.1975

Protanomaly

73.1137, 74.0015, 86.7741

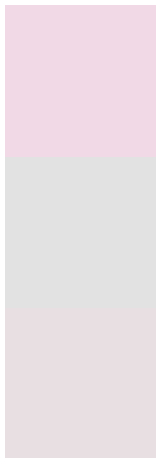
Deuteranomaly

75.7137, 74.2161, 85.1975

Tritanomaly

75.7393, 73.8152, 86.5998

Monochromacy



Original Color

75.7137, 74.2161, 85.1975

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

73.5315, 75.4772, 83.3661

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.7137, 74.2161, 85.1975 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(242, 217, 230)` looks like.

```
.text, #text, p{  
    color:rgb(242, 217, 230)  
}
```

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(242, 217, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 217, 230) }
```

Border

The CSS property to change the border of an element to XYZ 75.7137, 74.2161, 85.1975 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(242, 217, 230) }
```


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

```
.border{ border-color:rgb(242, 217, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 217, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 217, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 217, 230);  
box-shadow:4px 4px 4px 4px rgb(242, 217,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 75.7137, 74.2161, 85.1975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 217, 230) }
```

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

```
.background{ background-color: rgb(242,  
217, 230) }
```

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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