

# Converting Colors

XYZ(75.9723, 74.7332, 85.2837)

Have a look what the booklet for  
XYZ(75.9723, 74.7332, 85.2837)  
contains.

<b>XYZ(75.9723, 74.7332, 85.2837)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**XYZ(75.9723, 74.7332,  
85.2837)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F2DAE6
RGB	242, 218, 230
RGB Percent	95%, 85%, 90%
CMY	0.0510, 0.1451, 0.0980
CMYK	0.00, 0.10, 0.05, 0.05
HSL	330°, 48%, 90%
HSV	330°, 10%, 95%
XYZ	75.9723, 74.7332, 85.2837
YIQ	226.5440, 10.4520, 8.8200

# Conversions

## Conversions Part 2

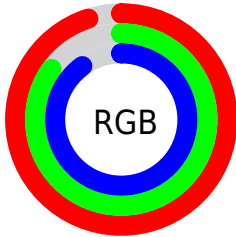
Format	Color
R <sub>Y</sub> B	242, 218, 230
Decimal	15915750
CIE Lab	89.27, 10.29, -2.86
CIE LCh	89, 10.676, 344.444
Yxy	74.7332, 0.3219, 0.3167
Android (android.graphics.Color)	4294105830 (0xFFFF2DAE6)
YUV	226.5440, 1.7038, 13.5549
Hunter-Lab	86.4484, 5.5842, 2.0226

# Details

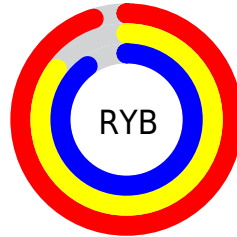
The XYZ color **75.9723, 74.7332, 85.2837** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.9514, 84.1249, 87.1544**, and the grayscale version is **72.6671, 76.4515, 83.2556**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.0848, 39.7286, 46.0604** is the 20% darker color. If you saturate the color by 10%, you get **68.5087, 62.4312, 74.7003**, and if you desaturate by 10%, it is **84.4744, 88.9213, 96.7973**.

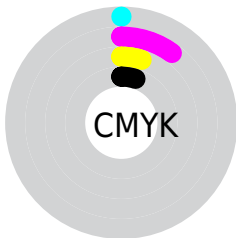
# Distribution



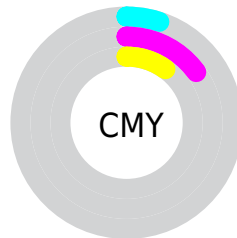
- Red (95%)
- Green (85%)
- Blue (90%)



- 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 75.9723, 74.7332, 85.2837 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 75.9723, 74.7332, 85.2837 by changing the saturation by 10% instead.




 75.9723, 74.7332,  
85.2837

 75.9723, 74.7332,  
85.2837


470.1987,  
477.0000, 532.7354

 56.7068, 55.3943,  
63.5243


126.6683,  
125.9346, 142.6472

 41.0091, 39.7175,  
45.8218

158.8295,  
158.5660, 179.0883

 28.5139, 27.3184,  
31.7576


196.0200,  
196.3970, 221.2605

 18.8558, 17.8125,  
20.9131

238.6051,  
239.8120, 269.5822

 11.6695, 10.8154,  
12.8699

286.9501,  
289.1954, 324.4720

 6.5897, 5.9429,  
7.2093

341.4205,

 3.2509, 2.8104,

344.9316, 386.3485

3.5129

402.3816,  
407.4050, 455.6301

■ 1.2878, 1.0336,  
1.3621

■ 0.1740, 0.0000,  
0.1119

■ 75.9723, 74.7332,  
85.2837

■ 75.9723, 74.7332,  
85.2837

■ 68.5087, 62.4312,  
74.7003

■ 84.4744, 88.9213,  
96.7973

■ 62.0352, 51.9256,  
65.0165

■ 90.3008, 97.5664,  
108.0116

■ 56.5093, 43.1337,  
56.2069

■ 90.4284, 97.6175,  
108.6837

■ 51.8822, 35.9627,  
48.2428

■ 48.1012, 30.3108,  
41.0936

■ 45.1072, 26.0646,  
34.7262

■ 42.8333, 23.0944,  
29.1042

■ 41.1999, 21.2461,  
24.1867

■ 40.0769, 20.2644,  
19.9148

# Harmonies

## Analogous

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



74.6007, 74.7332, 92.0601



75.9723, 74.7332, 85.2837



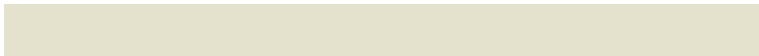
75.9986, 74.7332, 77.8422

# Triad

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



75.9723, 74.7332, 85.2837



69.7883, 74.7332, 68.2431



67.5118, 74.7332, 91.8465

# Complementary

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



75.9723, 74.7332, 85.2837



74.9514, 84.1249, 87.1544

# 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.



66.2860, 74.7332, 85.0064



75.9723, 74.7332, 85.2837



67.5783, 74.7332, 71.5445

# Square

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



75.9723, 74.7332, 85.2837



72.3848, 74.7332, 68.3072



66.3100, 74.7332, 77.5813



69.6955, 74.7332, 96.0042



# Rectangle

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



75.9723, 74.7332, 85.2837



75.2473, 74.7332, 73.5171



66.3100, 74.7332, 77.5813



66.9765, 74.7332, 89.7669

# Sweetspot

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



75.9744, 74.7365, 85.2853



92.0480, 94.9718, 104.8909



73.7343, 73.3802, 94.2831



19.5343, 20.0474, 22.2251



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

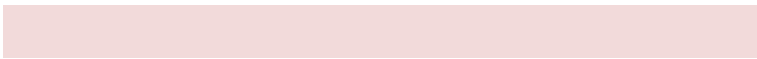
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.9744, 74.7365, 85.2853



83.6865, 81.0599, 93.4380



74.3469, 74.0855, 76.7149



16.1024, 15.8907, 18.0953



21.5938, 10.9100, 11.0436



1.8466, 0.9277, 1.1832



# Inverse Universe

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



75.9744, 74.7365, 85.2853



83.6865, 81.0599, 93.4380



76.6949, 84.8223, 96.3356



16.1024, 15.8907, 18.0953



21.5938, 10.9100, 11.0436

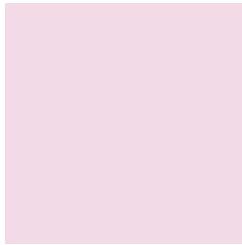


1.8466, 0.9277, 1.1832



# Previews

## White Background



This preview shows how the XYZ color 75.9723, 74.7332, 85.2837 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

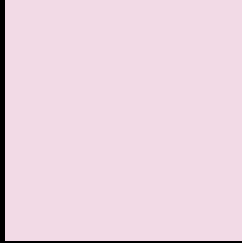
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 75.9723, 74.7332, 85.2837 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 75.9723, 74.7332, 85.2837**

## **Background**



This preview shows how black text looks on a background with the XYZ color 75.9723, 74.7332, 85.2837.



This preview shows how white text looks on a background with the XYZ color 75.9723, 74.7332,



# 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

75.9723, 74.7332, 85.2837

### Protanopia

72.4597, 74.8273, 87.7149

### Deuteranopia

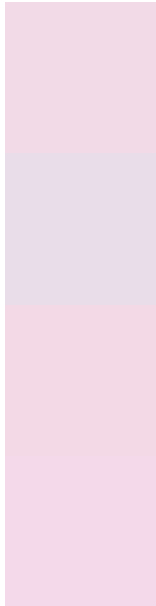
76.0579, 74.3936, 85.2136



## Tritanopia

76.6263, 74.6209, 88.2065

# Trichromacy



## Original Color

75.9723, 74.7332, 85.2837

## Protanomaly

73.7007, 74.6949, 86.8770

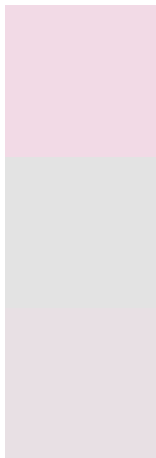
## Deuteranomaly

76.0579, 74.3936, 85.2136

## Tritanomaly

76.4830, 74.5636, 87.4519

# Monochromacy



## Original Color

75.9723, 74.7332, 85.2837

## Achromatopsia

73.0128, 76.8151, 83.6517

## Achromatomaly

73.9380, 76.0686, 84.1845

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 75.9723, 74.7332, 85.2837 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, 218, 230)` looks like.

```
.text, #text, p{  
    color:rgb(242, 218, 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, 218, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 218, 230) }
```

## Border

The CSS property to change the border of an element to XYZ 75.9723, 74.7332, 85.2837 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, 218, 230) }
```



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

```
.border{ border-color:rgb(242, 218, 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, 218, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 218, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 218, 230);  
box-shadow:4px 4px 4px 4px rgb(242, 218,  
230) }
```

# Background

The CSS property to change the background color of an element to XYZ 75.9723, 74.7332, 85.2837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 218, 230) }
```

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

```
.background{ background-color: rgb(242,  
218, 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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