

# Converting Colors

XYZ(73.7149, 66.3400, 75.7934)

Have a look what the booklet for  
XYZ(73.7149, 66.3400, 75.7934)  
contains.

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# Color

**XYZ(73.8533, 66.5735,  
75.9753)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FEC6DB
RGB	254, 198, 219
RGB Percent	100%, 78%, 86%
CMY	0.0039, 0.2235, 0.1412
CMYK	0.00, 0.22, 0.14, 0.00
HSL	338°, 97%, 89%
HSV	338°, 22%, 100%
XYZ	73.8533, 66.5735, 75.9753
YIQ	217.1380, 26.6350, 18.4030

# Conversions

## Conversions Part 2

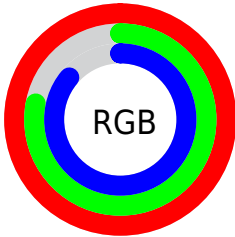
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	254, 198, 219
Decimal	16697051
CIE <sub>Lab</sub>	85.29, 23.08, -2.76
CIE <sub>LCh</sub>	85, 23.248, 353.188
Yxy	66.5735, 0.3413, 0.3076
Android (android.graphics.Color)	4294887131 (0xFFFE <sub>C6DB</sub> )
YUV	217.1380, 0.9180, 32.3280
Hunter-Lab	81.5926, 18.7818, 1.9067

# Details

The XYZ color **73.8533, 66.5735, 75.9753** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.4412, 88.7743, 90.3594**, and the grayscale version is **66.0307, 69.4694, 75.6522**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.7001, 34.4972, 39.6882** is the 20% darker color. If you saturate the color by 10%, you get **66.5359, 55.1250, 63.7114**, and if you desaturate by 10%, it is **82.3474, 80.0548, 89.6166**.

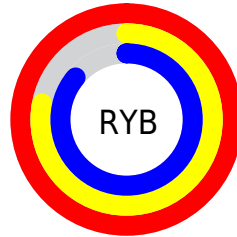
# Distribution



Red (100%)

Green (78%)

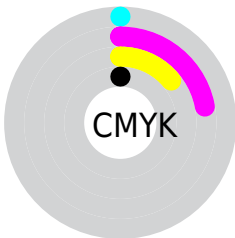
Blue (86%)



Red (100%)

Yellow (78%)

Blue (86%)

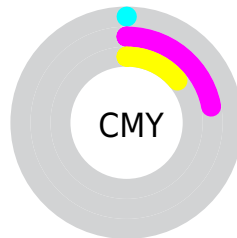


Cyan (0%)

Magenta (22%)

Yellow (14%)

Black (0%)



Cyan (0%)

Magenta (22%)


Yellow (14%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 73.8533, 66.5735, 75.9753 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 73.8533, 66.5735, 75.9753 by changing the saturation by 10% instead.




 73.8533, 66.5735,  
75.9753

 73.8533, 66.5735,  
75.9753


463.0250,  
448.4251, 500.6077

 54.9648, 48.7381,  
55.9057


123.6844,  
114.3091, 129.4518

 39.6073, 34.4118,  
39.7238

155.3578,  
144.9780, 163.6957

 27.4153, 23.2101,  
27.0112


192.0236,  
180.6936, 203.5015

 18.0236, 14.7487,  
17.3491

234.0470,  
221.8403, 249.2878

 11.0667, 8.6432,  
10.3191

281.7935,  
268.8024, 301.4730

 6.1794, 4.5092,  
5.5027

335.6285,

 2.9961, 1.9623,

321.9643, 360.4757

2.4813

395.9172,  
381.7104, 426.7144

■ 1.1517, 0.5854,  
0.8302

■ 0.0677, 0.0000,  
0.0000

■ 73.8533, 66.5735,  
75.9753

■ 73.8533, 66.5735,  
75.9753

■ 66.5359, 55.1250,  
63.7114

■ 82.3474, 80.0548,  
89.6166

■ 60.3354, 45.6011,  
52.7752

■ 92.0630, 95.6522,  
104.6741

■ 55.1953, 37.8969,  
43.1201

94.6833, 99.8110,  
108.8828

■ 51.0515, 31.8942,  
34.6946

■ 47.8326, 27.4604,  
27.4435

■ 45.4569, 24.4431,  
21.3059

■ 43.8268, 22.6585,  
16.2138

■ 42.9497, 21.9015,  
12.8468

# Harmonies

## Analogous

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



71.7190, 66.5735, 91.2540



73.8533, 66.5735, 75.9753



73.0302, 66.5735, 61.6751

# Triad

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



73.8533, 66.5735, 75.9753



59.3787, 66.5735, 48.9997



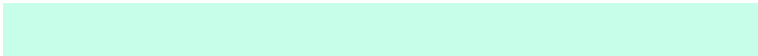
57.4105, 66.5735, 98.2229

# Complementary

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



73.8533, 66.5735, 75.9753



73.4412, 88.7743, 90.3594

# 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.



54.4317, 66.5735, 84.4944



73.8533, 66.5735, 75.9753



55.5233, 66.5735, 56.4878

# Square

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



73.8533, 66.5735, 75.9753



64.4826, 66.5735, 47.3740



53.7603, 66.5735, 69.1076



62.0848, 66.5735, 105.2000



# Rectangle

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



73.8533, 66.5735, 75.9753



70.9361, 66.5735, 54.4243



53.7603, 66.5735, 69.1076



56.1884, 66.5735, 94.1606

# Sweetspot

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



73.8552, 66.5765, 75.9767



87.8729, 88.4374, 97.9016



71.5381, 64.7925, 102.5024



18.6822, 18.7267, 20.7592



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.



73.8552, 66.5765, 75.9767



71.4545, 62.3588, 71.5939



72.7883, 68.5908, 62.8328



18.2911, 18.0997, 20.1499



22.7090, 11.5729, 7.1181



2.2620, 1.1472, 0.9611



# Inverse Universe

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



73.8552, 66.5765, 75.9767



71.4545, 62.3588, 71.5939



74.5839, 85.9706, 106.4296



18.2911, 18.0997, 20.1499



22.7090, 11.5729, 7.1181



2.2620, 1.1472, 0.9611



# Previews

## White Background



This preview shows how the XYZ color 73.8533, 66.5735, 75.9753 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

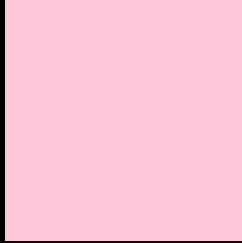
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 73.8533, 66.5735, 75.9753 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 73.8533, 66.5735, 75.9753**

## **Background**



This preview shows how black text looks on a background with the XYZ color 73.8533, 66.5735, 75.9753.



This preview shows how white text looks on a background with the XYZ color 73.8533, 66.5735,

75.9753.

# 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

73.8533, 66.5735, 75.9753

### Protanopia

64.8492, 66.7792, 82.1448

### Deuteranopia

68.1159, 66.7912, 74.9475



## Tritanopia

73.0690, 66.5845, 72.6193

# Trichromacy



## Original Color

73.8533, 66.5735, 75.9753

## Protanomaly

67.7623, 66.5014, 79.7856

## Deuteranomaly

70.1829, 66.7730, 75.5191

## Tritanomaly

73.3261, 66.6874, 73.9730

# Monochromacy



## Original Color

73.8533, 66.5735, 75.9753

## Achromatopsia

65.9525, 69.3872, 75.5626

## Achromatomaly

68.3346, 67.9781, 75.8491

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 73.8533, 66.5735, 75.9753 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(254, 198, 219)` looks like.

```
.text, #text, p{  
    color:rgb(254, 198, 219)  
}
```

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(254, 198, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 198, 219) }
```

## Border

The CSS property to change the border of an element to XYZ 73.8533, 66.5735, 75.9753 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(254, 198, 219) }
```



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

```
.border{ border-color:rgb(254, 198, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 198, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 198, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 198, 219);  
box-shadow:4px 4px 4px 4px rgb(254, 198,  
219) }
```

# Background

The CSS property to change the background color of an element to XYZ 73.8533, 66.5735, 75.9753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 198, 219) }
```

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

```
.background{ background-color: rgb(254,  
198, 219) }
```

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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