

# Converting Colors

XYZ(75.5603, 69.7384, 77.3897)

Have a look what the booklet for  
XYZ(75.5603, 69.7384, 77.3897)  
contains.

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# Color

**XYZ(75.6226, 69.9008,  
77.2166)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FECDDC
RGB	254, 205, 220
RGB Percent	100%, 80%, 86%
CMY	0.0039, 0.1961, 0.1372
CMYK	0.00, 0.19, 0.13, 0.00
HSL	342°, 96%, 90%
HSV	342°, 19%, 100%
XYZ	75.6226, 69.9008, 77.2166
YIQ	221.3610, 24.3890, 15.0530

# Conversions

## Conversions Part 2

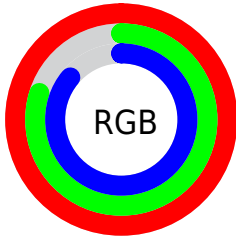
Format	Color
<a href="#">RYB</a>	<a href="#">254, 205, 220</a>
Decimal	<a href="#">16698844</a>
CIELab	<a href="#">86.95, 19.57, -0.86</a>
CIElCh	<a href="#">87, 19.589, 357.495</a>
Yxy	<a href="#">69.9008, 0.3395, 0.3138</a>
Android (android.graphics.Color)	<a href="#">4294888924 (0xFFFECDDC)</a>
YUV	<a href="#">221.3610, -0.6710, 28.6244</a>
Hunter-Lab	<a href="#">83.6067, 15.1423, 3.7663</a>

# Details

The XYZ color **75.6226, 69.9008, 77.2166** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.2014, 90.0964, 95.0398**, and the grayscale version is **68.9751, 72.5672, 79.0257**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.8841, 36.7201, 40.5302** is the 20% darker color. If you saturate the color by 10%, you get **67.8203, 57.8367, 63.6994**, and if you desaturate by 10%, it is **84.6613, 84.0421, 92.3619**.

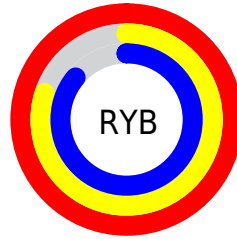
# Distribution



Red (100%)

Green (80%)

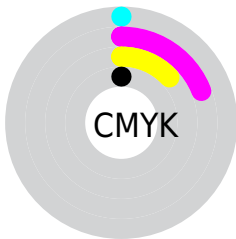
Blue (86%)



Red (100%)

Yellow (80%)

Blue (86%)

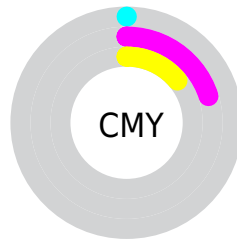


Cyan (0%)

Magenta (19%)

Yellow (13%)

Black (0%)



Cyan (0%)

Magenta (20%)


Yellow (14%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 75.6226, 69.9008, 77.2166 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 75.6226, 69.9008, 77.2166 by changing the saturation by 10% instead.




 75.6226, 69.9008,  
77.2166

 75.6226, 69.9008,  
77.2166


469.0191,  
460.2016, 504.9595

 56.4191, 51.4457,  
56.9180


126.1765,  
119.0673, 131.2210

 40.7773, 36.5634,  
40.5305

158.2576,  
150.5474, 165.7639

 28.3320, 24.8696,  
27.6355


195.3619,  
187.1380, 205.8920

 18.7178, 15.9800,  
17.8144

237.8547,  
229.2234, 252.0239

 11.5694, 9.5100,  
10.6488

286.1015,  
277.1881, 304.5780

 6.5213, 5.0753,  
5.7200

340.4676,

 3.2082, 2.2915,

331.4165, 363.9730

2.6096

401.3183,  
392.2928, 430.6273

■ 1.2648, 0.7692,  
0.8974

■ 0.1566, 0.0000,  
0.0000

■ 75.6226, 69.9008,  
77.2166

■ 75.6226, 69.9008,  
77.2166

■ 67.8203, 57.8367,  
63.6994

■ 84.6613, 84.0421,  
92.3619

■ 61.1934, 47.7424,  
51.7501

94.6833, 99.8110,  
108.8828

■ 55.6845, 39.5150,  
41.3111

■ 51.2286, 33.0382,  
32.3191

■ 47.7541, 28.1830,  
24.7063

■ 45.1797, 24.8019,  
18.3986

■ 43.4099, 22.7203,  
13.3136

■ 42.3039, 21.6746,  
9.3496

■ 42.2391, 21.6173,  
9.1051

# Harmonies

## Analogous

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



74.1389, 69.9008, 90.4705



75.6226, 69.9008, 77.2166



74.5534, 69.9008, 65.0587

# Triad

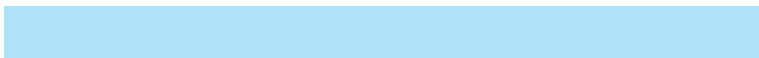
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.6226, 69.9008, 77.2166



62.4585, 69.9008, 55.8737



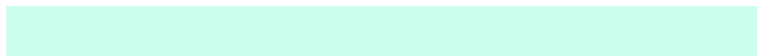
61.8216, 69.9008, 99.4016

# Complementary

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



75.6226, 69.9008, 77.2166



76.2014, 90.0964, 95.0398

# 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.



58.9351, 69.9008, 88.3471



75.6226, 69.9008, 77.2166



59.2908, 69.9008, 63.3559

# Square

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



75.6226, 69.9008, 77.2166



66.8239, 69.9008, 53.6083



58.0300, 69.9008, 75.0142



66.0549, 69.9008, 104.1635

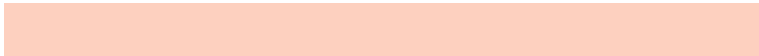


# Rectangle

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



75.6226, 69.9008, 77.2166



72.5627, 69.9008, 59.0029



58.0300, 69.9008, 75.0142



60.6691, 69.9008, 96.2404

# Sweetspot

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



75.6246, 69.9039, 77.2181



88.6992, 89.9586, 98.5817



75.1455, 69.0827, 103.1403



18.8434, 19.0312, 20.8681



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

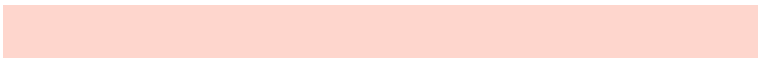
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.6246, 69.9039, 77.2181



73.2350, 65.7683, 72.6543



75.9372, 73.5664, 67.9589



18.2382, 18.0786, 19.8717



22.3262, 11.4198, 5.1021



2.2201, 1.1304, 0.7404



# Inverse Universe

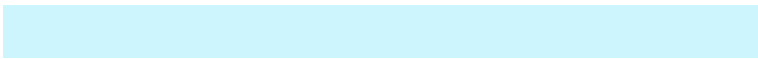
The Inverse Universe completely reimagines the original color for something new.



75.6246, 69.9039, 77.2181



73.2350, 65.7683, 72.6543



75.7260, 85.4518, 106.2692



18.2382, 18.0786, 19.8717



22.3262, 11.4198, 5.1021



2.2201, 1.1304, 0.7404



# Previews

## White Background



This preview shows how the XYZ color 75.6226, 69.9008, 77.2166 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

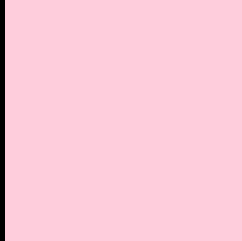
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 75.6226, 69.9008, 77.2166 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 75.6226, 69.9008, 77.2166**

## **Background**



This preview shows how black text looks on a background with the XYZ color 75.6226, 69.9008, 77.2166.



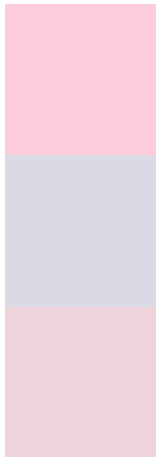
This preview shows how white text looks on a background with the XYZ color 75.6226, 69.9008,

77.2166.

# 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

75.6226, 69.9008, 77.2166

### Protanopia

67.8914, 70.2318, 82.6509

### Deuteranopia

71.3403, 69.8801, 76.7460



## Tritanopia

75.7555, 69.9539, 77.9163

# Trichromacy



## Original Color

75.6226, 69.9008, 77.2166

## Protanomaly

70.5275, 70.1261, 80.3395

## Deuteranomaly

72.8949, 69.9485, 76.6773

## Tritanomaly

75.7555, 69.9539, 77.9163

# Monochromacy



## Original Color

75.6226, 69.9008, 77.2166

## Achromatopsia

68.7264, 72.3055, 78.7407

## Achromatomaly

70.9559, 71.1450, 78.3992

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 75.6226, 69.9008, 77.2166 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, 205, 220)` looks like.

```
.text, #text, p{  
    color:rgb(254, 205, 220)  
}
```

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, 205, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 205, 220) }
```

## Border

The CSS property to change the border of an element to XYZ 75.6226, 69.9008, 77.2166 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, 205, 220) }
```



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

```
.border{ border-color:rgb(254, 205, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 205, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 205, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 205, 220);  
box-shadow:4px 4px 4px 4px rgb(254, 205,  
220) }
```

# Background

The CSS property to change the background color of an element to XYZ 75.6226, 69.9008, 77.2166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 205, 220) }
```

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

```
.background{ background-color: rgb(254,  
205, 220) }
```

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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