

# Converting Colors

XYZ(77.9420, 72.0685, 85.5018)

Have a look what the booklet for  
XYZ(77.9420, 72.0685, 85.5018)  
contains.

<b>XYZ(77.8527, 71.9521, 85.3862)</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(77.8527, 71.9521,  
85.3862)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FED0E7
RGB	254, 208, 231
RGB Percent	100%, 82%, 91%
CMY	0.0039, 0.1843, 0.0941
CMYK	0.00, 0.18, 0.09, 0.00
HSL	330°, 96%, 91%
HSV	330°, 18%, 100%
XYZ	77.8527, 71.9521, 85.3862
YIQ	224.3760, 20.0330, 16.9050

# Conversions

## Conversions Part 2

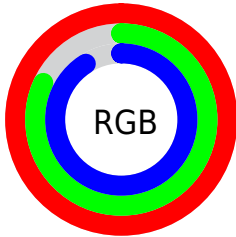
Format	Color
R <sub>Y</sub> B	254, 208, 231
Decimal	16699623
CIE Lab	87.95, 19.78, -5.22
CIE LCh	88, 20.458, 345.227
Yxy	71.9521, 0.3310, 0.3059
Android (android.graphics.Color)	4294889703 (0xFFFE0E7)
YUV	224.3760, 3.2656, 25.9802
Hunter-Lab	84.8246, 15.3857, -0.3053

# Details

The XYZ color **77.8527, 71.9521, 85.3862** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.8808, 90.0649, 88.9904**, and the grayscale version is **71.0895, 74.7917, 81.4482**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.1551, 37.7479, 45.6217** is the 20% darker color. If you saturate the color by 10%, you get **70.4200, 59.8533, 74.3771**, and if you desaturate by 10%, it is **86.4114, 86.0927, 97.4146**.

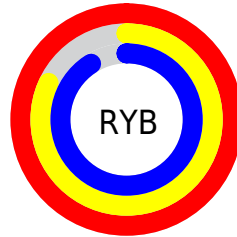
# Distribution



Red (100%)

Green (82%)

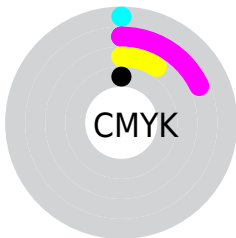
Blue (91%)



Red (100%)

Yellow (82%)

Blue (91%)

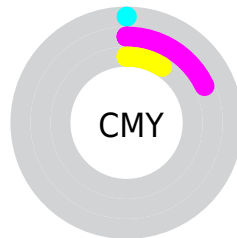


Cyan (0%)

Magenta (18%)

Yellow (9%)

Black (0%)



Cyan (0%)

Magenta (18%)


Yellow (9%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 77.8527, 71.9521, 85.3862 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 77.8527, 71.9521, 85.3862 by changing the saturation by 10% instead.




 77.8527, 71.9521,  
85.3862

 77.8527, 71.9521,  
85.3862


476.5139,  
467.3749, 533.0830

 58.2553, 53.1195,  
63.6085


129.3089,  
121.9884, 142.7916

 42.2580, 37.8982,  
45.8895

161.8985,  
153.9610, 179.2564

 29.4954, 25.9037,  
31.8106


199.5495,  
191.0823, 221.4540

 19.6020, 16.7516,  
20.9533

242.6274,  
233.7369, 269.8030

 12.2127, 10.0576,  
12.8989

291.4974,  
282.3090, 324.7218

 6.9619, 5.4371,  
7.2291

346.5249,

 3.4844, 2.5060,

337.1831, 386.6291

3.5252

408.0753,  
398.7436, 455.9433

■ 1.4148, 0.8796,  
1.3686

■ 0.2667, 0.0000,  
0.1171

■ 77.8527, 71.9521,  
85.3862

■ 77.8527, 71.9521,  
85.3862

■ 70.4200, 59.8533,  
74.3771

■ 86.4114, 86.0927,  
97.4146

■ 64.0572, 49.6914,  
64.3527

94.6834, 99.8110,  
108.8828

■ 58.7126, 41.3666,  
55.2824

■ 54.3276, 34.7662,  
47.1322

■ 50.8372, 29.7651,  
39.8656

■ 48.1677, 26.2209,  
33.4422

■ 46.2324, 23.9658,  
27.8169

■ 44.9141, 22.7708,  
22.9336

■ 44.7035, 22.6030,  
22.0816

# Harmonies

## Analogous

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



75.2567, 71.9521, 98.8000



77.8527, 71.9521, 85.3862



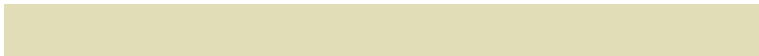
77.8318, 71.9521, 71.5062

# Triad

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



77.8527, 71.9521, 85.3862



65.9572, 71.9521, 55.2024



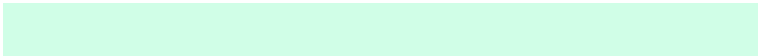
62.0001, 71.9521, 98.9753

# Complementary

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



77.8527, 71.9521, 85.3862



75.8808, 90.0649, 88.9904

# 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.



59.7414, 71.9521, 85.6036



77.8527, 71.9521, 85.3862



61.9511, 71.9521, 60.9257

# Square

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



77.8527, 71.9521, 85.3862



70.8051, 71.9521, 55.1589



59.7238, 71.9521, 71.6993



66.0272, 71.9521, 107.2556

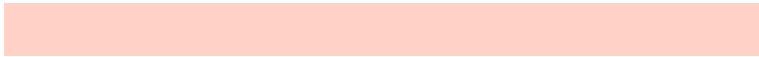


# Rectangle

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



77.8527, 71.9521, 85.3862



76.3300, 71.9521, 63.8644



59.7238, 71.9521, 71.6993



61.0175, 71.9521, 94.8608

# Sweetspot

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



77.8548, 71.9553, 85.3877



90.1069, 91.7293, 102.2721



73.4030, 69.2600, 103.2666



19.1430, 19.3944, 21.6956



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.



77.8548, 71.9553, 85.3877



75.4983, 67.6040, 81.7047



74.8167, 70.7401, 69.3893



18.3881, 18.1386, 20.6611



23.6425, 11.9463, 12.0337



2.3571, 1.1852, 1.4619



# Inverse Universe

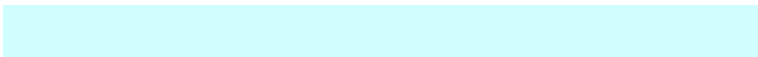
The Inverse Universe completely reimagines the original color for something new.



77.8548, 71.9553, 85.3877



75.4983, 67.6040, 81.7047



79.3458, 91.4509, 107.2366



18.3881, 18.1386, 20.6611



23.6425, 11.9463, 12.0337



2.3571, 1.1852, 1.4619



# Previews

## White Background



This preview shows how the XYZ color 77.8527, 71.9521, 85.3862 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

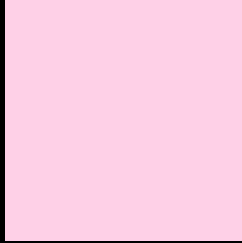
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 77.8527, 71.9521, 85.3862 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 77.8527, 71.9521, 85.3862

## Background



This preview shows how black text looks on a background with the XYZ color 77.8527, 71.9521, 85.3862.



This preview shows how white text looks on a background with the XYZ color 77.8527, 71.9521,

85.3862.

# 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

77.8527, 71.9521, 85.3862

### Protanopia

70.2793, 72.0517, 91.0922

### Deuteranopia

73.5894, 71.9834, 84.8785



## Tritanopia

76.8991, 71.9198, 81.0631

# Trichromacy



## Original Color

77.8527, 71.9521, 85.3862

## Protanomaly

72.5745, 71.7548, 88.6222

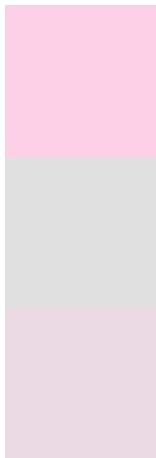
## Deuteranomaly

75.1346, 72.0332, 84.8067

## Tritanomaly

77.1736, 72.0296, 82.5087

# Monochromacy



## Original Color

77.8527, 71.9521, 85.3862

## Achromatopsia

70.8507, 74.5404, 81.1745

## Achromatomaly

73.1975, 73.3510, 82.9733

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 77.8527, 71.9521, 85.3862 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, 208, 231)` looks like.

```
.text, #text, p{  
    color:rgb(254, 208, 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(254, 208, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 208, 231) }
```

## Border

The CSS property to change the border of an element to XYZ 77.8527, 71.9521, 85.3862 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, 208, 231) }
```



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

```
.border{ border-color:rgb(254, 208, 231) }
```

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

Here you see how a box with a 4 pixel rgb(254, 208, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 208, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 208, 231);  
box-shadow:4px 4px 4px 4px rgb(254, 208,  
231) }
```

# Background

The CSS property to change the background color of an element to XYZ 77.8527, 71.9521, 85.3862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 208, 231) }
```

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

```
.background{ background-color: rgb(254,  
208, 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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