

# Converting Colors

XYZ(82.7462, 81.3824, 92.5348)

Have a look what the booklet for  
XYZ(82.7462, 81.3824, 92.5348)  
contains.

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# Color

**XYZ(82.7739, 81.2612,  
92.2112)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FCE2EE
RGB	252, 226, 238
RGB Percent	99%, 89%, 93%
CMY	0.0118, 0.1137, 0.0667
CMYK	0.00, 0.10, 0.06, 0.01
HSL	332°, 81%, 94%
HSV	332°, 10%, 99%
XYZ	82.7739, 81.2612, 92.2112
YIQ	235.1420, 11.6440, 9.2440

# Conversions

## Conversions Part 2

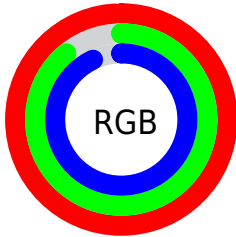
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	252, 226, 238
Decimal	16573166
CIE <sub>Lab</sub>	92.25, 10.89, -2.59
CIE <sub>LCh</sub>	92, 11.198, 346.639
Yxy	81.2612, 0.3230, 0.3171
Android (android.graphics.Color)	4294763246 (0xFFFC <sub>E2EE</sub> )
YUV	235.1420, 1.4090, 14.7845
Hunter-Lab	90.1450, 6.1504, 2.4525

# Details

The XYZ color **82.7739, 81.2612, 92.2112** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.9058, 92.0831, 95.8996**, and the grayscale version is **79.0591, 83.1764, 90.5791**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.5121, 44.1053, 50.3704** is the 20% darker color. If you saturate the color by 10%, you get **74.4997, 67.7837, 79.9840**, and if you desaturate by 10%, it is **92.2101, 96.8201, 105.5693**.

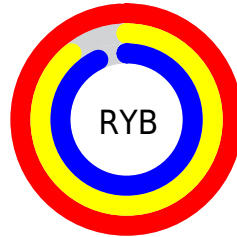
# Distribution



Red (99%)

Green (89%)

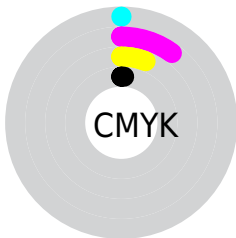
Blue (93%)



Red (99%)

Yellow (89%)

Blue (93%)

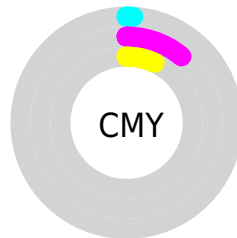


Cyan (0%)

Magenta (10%)

Yellow (6%)

Black (1%)



Cyan (1%)

Magenta (11%)


Yellow (7%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 82.7739, 81.2612, 92.2112 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 82.7739, 81.2612, 92.2112 by changing the saturation by 10% instead.




 82.7739, 81.2612,  
92.2112

 82.7739, 81.2612,  
92.2112


492.8280,  
499.1731, 555.9525

 62.3199, 60.7567,  
69.2321


136.1889,  
135.1375, 152.3683

 45.5478, 44.0289,  
50.4278

169.8807,  
169.2781, 190.3834

 32.0923, 30.6932,  
35.3799

208.7157,  
208.7328, 234.2474

 21.5879, 20.3654,  
23.6697

253.0594,  
253.8862, 284.3791

 13.6693, 12.6609,  
14.8789

303.2772,  
305.1225, 341.1969

 7.9712, 7.1955,  
8.5888

359.7343,

 4.1282, 3.5846,

362.8261, 405.1194

4.3808

422.7961,  
427.3815, 476.5651

■ 1.7749, 1.4440,  
1.8365

■ 0.5025, 0.2488,  
0.4519

■ 82.7739, 81.2612,  
92.2112

■ 82.7739, 81.2612,  
92.2112

■ 74.4997, 67.7837,  
79.9840

■ 92.2101, 96.8201,  
105.5693

■ 67.3336, 56.2880,  
68.8507

■ 93.9554, 99.4357,  
108.8488

■ 61.2275, 46.6824,  
58.7792

■ 56.1269, 38.8637,  
49.7341

■ 51.9724, 32.7188,  
41.6775

■ 48.6976, 28.1212,  
34.5682

■ 46.2272, 24.9265,  
28.3615

■ 44.4715, 22.9622,  
23.0068

■ 43.3145, 21.9633,  
18.5666

# Harmonies

## Analogous

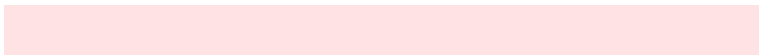
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.3502, 81.2612, 99.8708



82.7739, 81.2612, 92.2112



82.6877, 81.2612, 83.9975

# Triad

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



82.7739, 81.2612, 92.2112



75.6550, 81.2612, 74.0811



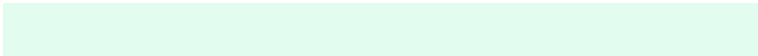
73.4809, 81.2612, 100.5706

# Complementary

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



82.7739, 81.2612, 92.2112



81.9058, 92.0831, 95.8996

# 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.



72.0300, 81.2612, 93.1185



82.7739, 81.2612, 92.2112



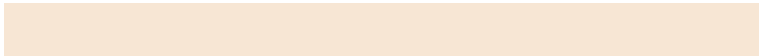
73.2636, 81.2612, 77.9894

# Square

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



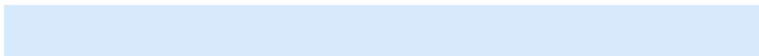
82.7739, 81.2612, 92.2112



78.5285, 81.2612, 73.8719



71.9514, 81.2612, 84.8501



75.9584, 81.2612, 104.8963

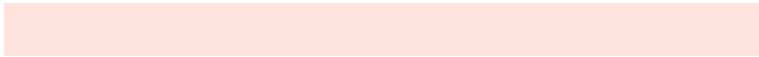


# Rectangle

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



82.7739, 81.2612, 92.2112



81.7849, 81.2612, 79.3120



71.9514, 81.2612, 84.8501



72.8597, 81.2612, 98.3279

# Sweetspot

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



82.7762, 81.2648, 92.2129



92.0016, 94.9533, 104.6465



80.6600, 79.9268, 103.2729



19.5217, 20.0424, 22.1592



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

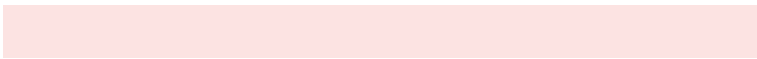
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.7762, 81.2648, 92.2129



83.5125, 80.9903, 92.5214



81.3079, 81.0554, 83.3156



17.5778, 17.3585, 19.6325



22.6353, 11.4698, 10.0538



2.1493, 1.0835, 1.2096



# Inverse Universe

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



82.7762, 81.2648, 92.2129



83.5125, 80.9903, 92.5214



83.4762, 92.2768, 105.5083



17.5778, 17.3585, 19.6325



22.6353, 11.4698, 10.0538

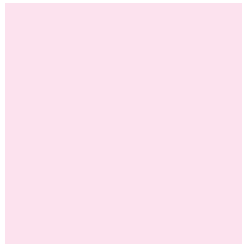


2.1493, 1.0835, 1.2096



# Previews

## White Background



This preview shows how the XYZ color 82.7739, 81.2612, 92.2112 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

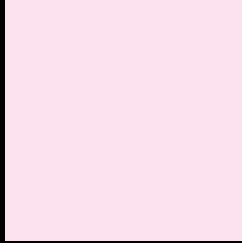
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 82.7739, 81.2612, 92.2112 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

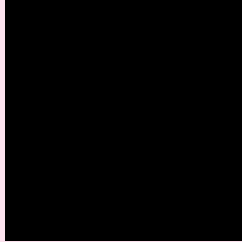
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 82.7739, 81.2612, 92.2112

## Background



This preview shows how black text looks on a background with the XYZ color 82.7739, 81.2612, 92.2112.



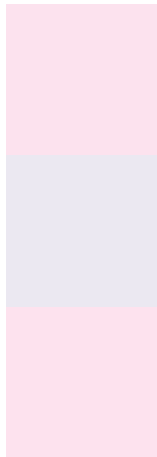
This preview shows how white text looks on a background with the XYZ color 82.7739, 81.2612,



# 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

82.7739, 81.2612, 92.2112

### Protanopia

78.9947, 81.7263, 94.8304

### Deuteranopia

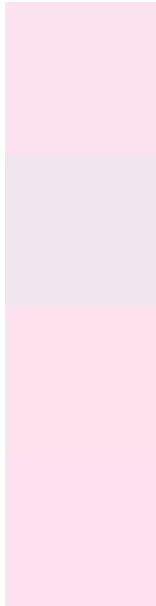
83.1370, 81.4484, 92.2282



## Tritanopia

83.6109, 81.2041, 96.0612

# Trichromacy



## Original Color

82.7739, 81.2612, 92.2112

## Protanomaly

80.3006, 81.5857, 93.9534

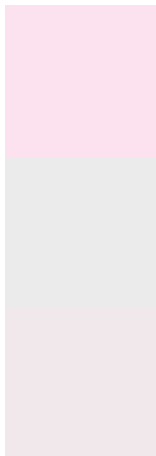
## Deuteranomaly

83.1370, 81.4484, 92.2282

## Tritanomaly

83.3104, 81.0839, 94.4789

# Monochromacy



## Original Color

82.7739, 81.2612, 92.2112

## Achromatopsia

78.9647, 83.0770, 90.4708

## Achromatomaly

80.2726, 82.4701, 91.0444

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 82.7739, 81.2612, 92.2112 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(252, 226, 238) looks like.

```
.text, #text, p{  
    color:rgb(252, 226, 238)  
}
```

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(252, 226, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 226, 238) }
```

## Border

The CSS property to change the border of an element to XYZ 82.7739, 81.2612, 92.2112 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(252, 226, 238) }
```



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

```
.border{ border-color:rgb(252, 226, 238) }
```

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

Here you see how a box with a 4 pixel rgb(252, 226, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 226, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 226, 238);  
box-shadow:4px 4px 4px 4px rgb(252, 226,  
238) }
```

# Background

The CSS property to change the background color of an element to XYZ 82.7739, 81.2612, 92.2112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 226, 238) }
```

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

```
.background{ background-color: rgb(252,  
226, 238) }
```

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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