

# Converting Colors

XYZ(127.4748, 104.7027,  
93.3937)

Have a look what the booklet for  
XYZ(127.4748, 104.7027, 93.3937)  
contains.

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# Color

**XYZ(83.9951, 82.3126,  
91.5817)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFE3ED
RGB	255, 227, 237
RGB Percent	100%, 89%, 93%
CMY	0.0000, 0.1098, 0.0706
CMYK	0.00, 0.11, 0.07, 0.00
HSL	339°, 100%, 95%
HSV	339°, 11%, 100%
XYZ	83.9951, 82.3126, 91.5817
YIQ	236.5120, 13.4780, 9.0460

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 227, 237
Decimal	16770029
CIE <sub>Lab</sub>	92.71, 11.23, -1.35
CIE <sub>LCh</sub>	93, 11.309, 353.120
Yxy	82.3126, 0.3257, 0.3192
Android (android.graphics.Color)	4294960109 (0xFFFFE3ED)
YUV	236.5120, 0.2406, 16.2140
Hunter-Lab	90.7263, 6.4857, 3.6594

# Details

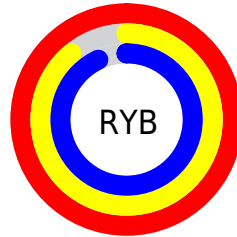
The XYZ color **83.9951, 82.3126, 91.5817** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **83.9226, 94.4447, 100.1963**, and the grayscale version is **80.1139, 84.2861, 91.7875**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.3817, 44.8470, 49.9278** is the 20% darker color. If you saturate the color by 10%, you get **75.2436, 68.4691, 77.3822**, and if you desaturate by 10%, it is **94.0024, 98.3162, 107.2825**.

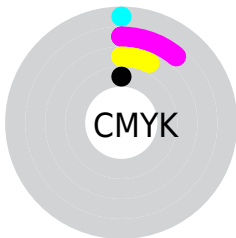
# Distribution



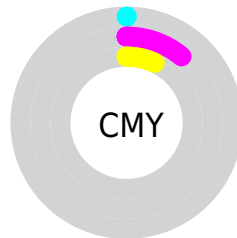
- Red (100%)
- Green (89%)
- Blue (93%)



- Red (100%)
- Yellow (89%)
- Blue (93%)



- Cyan (0%)
- Magenta (11%)
- Yellow (7%)
- Black (0%)




- Cyan (0%)
- Magenta (11%)
- Yellow (7%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 83.9951, 82.3126, 91.5817 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 83.9951, 82.3126, 91.5817 by changing the saturation by 10% instead.



 83.9951, 82.3126,  
91.5817

 83.9951, 82.3126,  
91.5817


496.8309,  
502.6927, 553.8650

 63.3311, 61.6232,  
68.7122


137.8896,  
136.6123, 151.4882

 46.3688, 44.7283,  
50.0070


171.8508,  
170.9914, 189.3622

 32.7428, 31.2435,  
35.0478


210.9752,  
210.7026, 233.0747

 22.0878, 20.7843,  
23.4158

255.6279,  
256.1301, 283.0444

 14.0384, 12.9665,  
14.6927

306.1746,  
307.6586, 339.6898

 8.2292, 7.4054,  
8.4598

362.9803,

 4.2950, 3.7169,

365.6722, 403.4293

4.2986

426.4107,  
430.5555, 474.6815

■ 1.8703, 1.5165,  
1.7905

■ 0.5595, 0.3003,  
0.4217

■ 83.9951, 82.3126,  
91.5817

■ 83.9951, 82.3126,  
91.5817

■ 75.2436, 68.4691,  
77.3822

■ 94.0024, 98.3162,  
107.2825

■ 67.6910, 56.6828,  
64.6331

■ 95.0500, 100.0000,  
108.9000

■ 61.2846, 46.8575,  
53.2878

■ 55.9653, 38.8852,  
43.2951

■ 51.6686, 32.6473,  
34.6005

■ 48.3225, 28.0117,  
27.1452

■ 45.8453, 24.8266,  
20.8651

■ 44.1398, 22.9104,  
15.6883

■ 43.1305, 22.0162,  
11.8852

# Harmonies

## Analogous

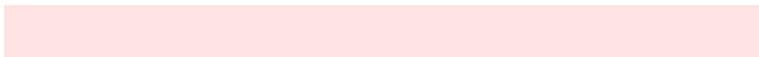
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.8546, 82.3126, 99.7169



83.9951, 82.3126, 91.5817



83.5616, 82.3126, 83.4042

# Triad

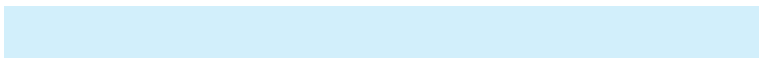
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.9951, 82.3126, 91.5817



76.0325, 82.3126, 75.5175



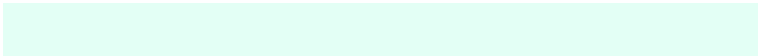
74.8852, 82.3126, 103.2371

# Complementary

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



83.9951, 82.3126, 91.5817



83.9226, 94.4447, 100.1963

# 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.



73.1410, 82.3126, 96.1465



83.9951, 82.3126, 91.5817



73.7916, 82.3126, 80.2370

# Square

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



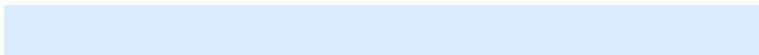
83.9951, 82.3126, 91.5817



78.9161, 82.3126, 74.4643



72.7457, 82.3126, 87.6952



77.5591, 82.3126, 106.7141

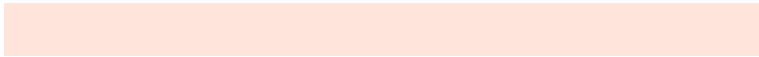


# Rectangle

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



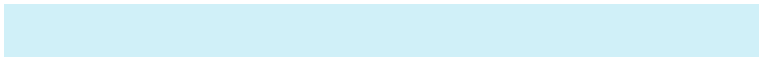
83.9951, 82.3126, 91.5817



82.4435, 82.3126, 78.9869



72.7457, 82.3126, 87.6952



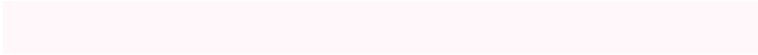
74.1735, 82.3126, 101.1766

# Sweetspot

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



83.9970, 82.3160, 91.5834



91.8760, 94.9030, 103.9852



83.0847, 81.5264, 105.9649



19.4879, 20.0289, 21.9810



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

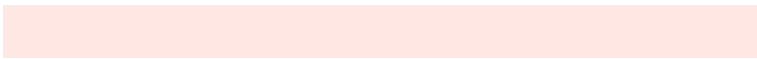
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.9970, 82.3160, 91.5834



82.1277, 79.3454, 88.5926



83.6088, 83.8120, 84.4481



18.2773, 18.0942, 20.0774



22.6010, 11.5297, 6.5492



2.2504, 1.1425, 0.9001



# Inverse Universe

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



83.9970, 82.3160, 91.5834



82.1277, 79.3454, 88.5926



84.3113, 92.7135, 108.0596



18.2773, 18.0942, 20.0774



22.6010, 11.5297, 6.5492

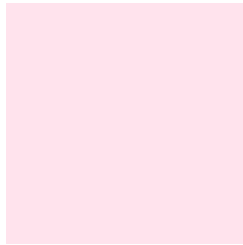


2.2504, 1.1425, 0.9001



# Previews

## White Background



This preview shows how the XYZ color 83.9951, 82.3126, 91.5817 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

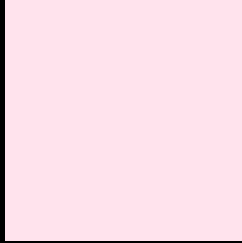
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 83.9951, 82.3126, 91.5817 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

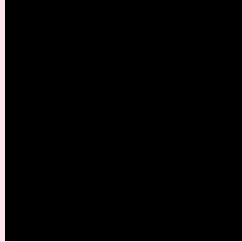
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 83.9951, 82.3126, 91.5817

## Background



This preview shows how black text looks on a background with the XYZ color 83.9951, 82.3126, 91.5817.



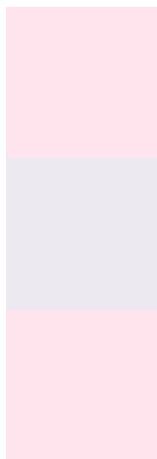
This preview shows how white text looks on a background with the XYZ color 83.9951, 82.3126,

91.5817.

# 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

83.9951, 82.3126, 91.5817

### Protanopia

79.4592, 82.4020, 94.1553

### Deuteranopia

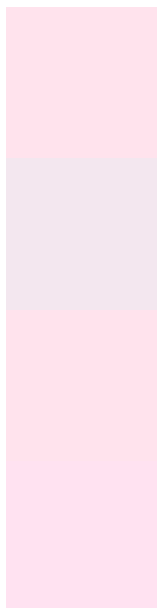
83.9951, 82.3126, 91.5817



## Tritanopia

84.6140, 82.1238, 96.1859

# Trichromacy



## Original Color

83.9951, 82.3126, 91.5817

## Protanomaly

81.1180, 82.4385, 93.2982

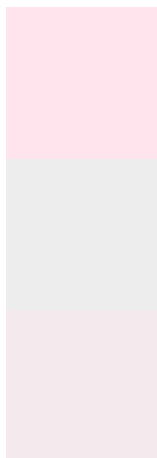
## Deuteranomaly

83.9951, 82.3126, 91.5817

## Tritanomaly

84.3135, 82.0036, 94.6036

# Monochromacy



## Original Color

83.9951, 82.3126, 91.5817

## Achromatopsia

80.4953, 84.6873, 92.2245

## Achromatomaly

81.7332, 83.6253, 91.9543

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 83.9951, 82.3126, 91.5817 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(255, 227, 237) looks like.

```
.text, #text, p{  
    color:rgb(255, 227, 237)  
}
```

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(255, 227, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 227, 237) }
```

## Border

The CSS property to change the border of an element to XYZ 83.9951, 82.3126, 91.5817 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(255, 227, 237) }
```



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

```
.border{ border-color:rgb(255, 227, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 227, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 227, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 227, 237);  
box-shadow:4px 4px 4px 4px rgb(255, 227,  
237) }
```

# Background

The CSS property to change the background color of an element to XYZ 83.9951, 82.3126, 91.5817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 227, 237) }
```

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

```
.background{ background-color: rgb(255,  
227, 237) }
```

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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