

# Converting Colors

XYZ(86.5896, 85.9479,  
103.4502)

Have a look what the booklet for  
XYZ(86.5896, 85.9479, 103.4502)  
contains.

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# Color

**XYZ(86.3352, 85.7521,  
103.2682)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FBE9FB
RGB	251, 233, 251
RGB Percent	98%, 91%, 98%
CMY	0.0157, 0.0863, 0.0157
CMYK	0.00, 0.07, 0.00, 0.02
HSL	300°, 69%, 95%
HSV	300°, 7%, 98%
XYZ	86.3352, 85.7521, 103.2682
YIQ	240.4340, 4.9500, 9.4140

# Conversions

## Conversions Part 2

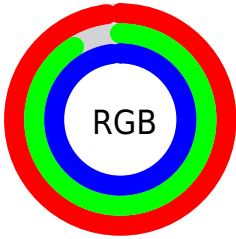
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	251, 233, 251
Decimal	16509435
CIE <sub>Lab</sub>	94.21, 9.20, -6.49
CIE <sub>LCh</sub>	94, 11.263, 324.811
Yxy	85.7521, 0.3135, 0.3114
Android (android.graphics.Color)	4294699515 (0xFFFBE9FB)
YUV	240.4340, 5.2090, 9.2664
Hunter-Lab	92.6024, 4.3651, -1.2972

# Details

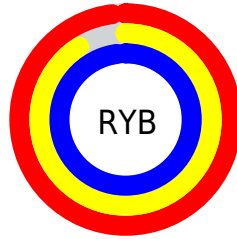
The XYZ color **86.3352, 85.7521, 103.2682** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.8128, 92.2036, 90.5277**, and the grayscale version is **83.1243, 87.4533, 95.2366**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.8206, 46.8537, 58.1530** is the 20% darker color. If you saturate the color by 10%, you get **79.7299, 72.5404, 101.0671**, and if you desaturate by 10%, it is **92.9572, 98.9947, 105.4769**.

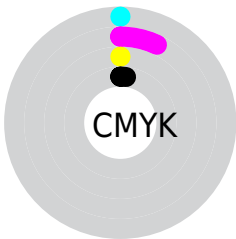
# Distribution



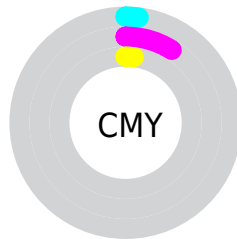
- Red (98%)
- Green (91%)
- Blue (98%)



- Red (98%)
- Yellow (91%)
- Blue (98%)



- Cyan (0%)
- Magenta (7%)
- Yellow (0%)
- Black (2%)




- Cyan (2%)
- Magenta (9%)
- Yellow (2%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 86.3352, 85.7521, 103.2682 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 86.3352, 85.7521, 103.2682 by changing the saturation by 10% instead.



 86.3352, 85.7521,  
103.2682

 86.3352, 85.7521,  
103.2682


504.4532,  
514.1134, 591.9567

 65.2714, 64.4630,  
78.4007


141.1416,  
141.4235, 167.7321

 47.9467, 47.0258,  
57.8848


175.6149,  
176.5746, 208.1657

 33.9957, 33.0560,  
41.3020


215.2887,  
217.1151, 254.6250

 23.0532, 22.1694,  
28.2336

260.5284,  
263.4295, 307.5286

 14.7537, 13.9814,  
18.2613

311.6993,  
315.9021, 367.2950

 8.7319, 8.1077,  
10.9663

369.1669,

 4.6224, 4.1640,

374.9174, 434.3428

5.9303

433.2964,  
440.8597, 509.0905

■ 2.0599, 1.7657,  
2.7347

■ 0.6673, 0.4657,  
0.9608

■ 86.3352, 85.7521,  
103.2682

■ 86.3352, 85.7521,  
103.2682

■ 79.7299, 72.5404,  
101.0671

■ 92.9572, 98.9947,  
105.4769

■ 74.0904, 61.2614,  
99.1870

■ 92.9573, 98.9947,  
105.4773

■ 69.3736, 51.8279,  
97.6144

■ 92.9573, 98.9948,  
105.4776

■ 65.5304, 44.1417,  
96.3330

■ 92.9574, 98.9948,  
105.4780

62.5073, 38.0955,  
95.3249

92.9575, 98.9948,  
105.4783

60.2446, 33.5703,  
94.5704

92.9575, 98.9949,  
105.4787

58.6749, 30.4310,  
94.0468

92.9576, 98.9949,  
105.4790

57.7186, 28.5185,  
93.7277

92.9577, 98.9949,  
105.4794

57.2736, 27.6287,  
93.5791

92.9577, 98.9949,  
105.4797

# Harmonies

## Analogous

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



83.9618, 85.7521, 109.2658



86.3352, 85.7521, 103.2682



87.4159, 85.7521, 94.8792

# Triad

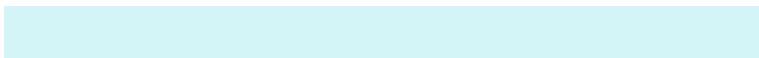
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.3352, 85.7521, 103.2682



82.0303, 85.7521, 77.7909



76.3549, 85.7521, 100.5114

# Complementary

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



86.3352, 85.7521, 103.2682



82.8128, 92.2036, 90.5277

# 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.



75.8664, 85.7521, 91.8758



86.3352, 85.7521, 103.2682



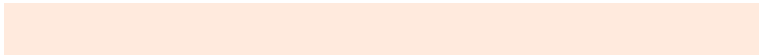
79.0962, 85.7521, 79.0949

# Square

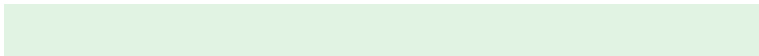
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



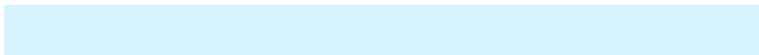
86.3352, 85.7521, 103.2682



84.8916, 85.7521, 80.4469



76.8580, 85.7521, 84.1244



78.2093, 85.7521, 107.6067



# Rectangle

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



86.3352, 85.7521, 103.2682



87.2391, 85.7521, 89.1891



76.8580, 85.7521, 84.1244



76.0275, 85.7521, 97.6785

# Sweetspot

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



86.3377, 85.7558, 103.2701



93.4445, 96.7891, 108.3648



80.1596, 82.5709, 102.9812



20.0178, 20.7505, 23.2001



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.



86.3377, 85.7558, 103.2701



88.1606, 86.2214, 106.6032



84.9524, 85.2017, 95.9755



17.9931, 17.5246, 21.8195



30.0643, 14.4415, 49.1746



2.7845, 1.3375, 4.5544



# Inverse Universe

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



86.3377, 85.7558, 103.2701



88.1606, 86.2214, 106.6032



84.1315, 92.7311, 97.4721



17.9931, 17.5246, 21.8195



30.0643, 14.4415, 49.1746

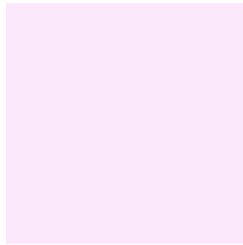


2.7845, 1.3375, 4.5544



# Previews

## White Background



This preview shows how the XYZ color 86.3352, 85.7521, 103.2682 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

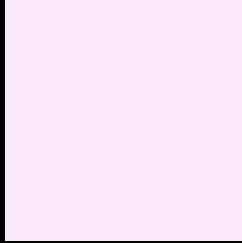
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 86.3352, 85.7521, 103.2682 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

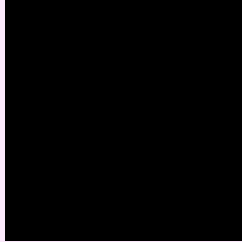
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 86.3352, 85.7521, 103.2682

## Background



This preview shows how black text looks on a background with the XYZ color 86.3352, 85.7521, 103.2682.



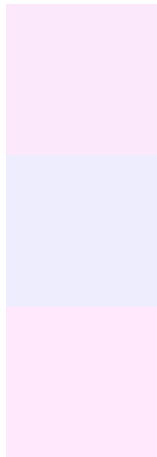
This preview shows how white text looks on a background with the XYZ color 86.3352, 85.7521,

103.2682.

# 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

86.3352, 85.7521, 103.2682

### Protanopia

83.2737, 85.8374, 105.1078

### Deuteranopia

87.5092, 85.9383, 103.2423



## Tritanopia

86.3352, 85.7521, 103.2682

# Trichromacy



## Original Color

86.3352, 85.7521, 103.2682

## Protanomaly

84.5283, 86.0739, 104.2543

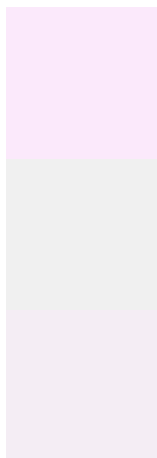
## Deuteranomaly

87.1422, 85.7491, 103.2251

## Tritanomaly

86.3352, 85.7521, 103.2682

# Monochromacy



## Original Color

86.3352, 85.7521, 103.2682

## Achromatopsia

82.8234, 87.1367, 94.8919

## Achromatomaly

83.9215, 86.3331, 97.8288

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 86.3352, 85.7521, 103.2682 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(251, 233, 251)` looks like.

```
.text, #text, p{  
    color:rgb(251, 233, 251)  
}
```

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(251, 233, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 233, 251) }
```

## Border

The CSS property to change the border of an element to XYZ 86.3352, 85.7521, 103.2682 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(251, 233, 251) }
```



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

```
.border{ border-color:rgb(251, 233, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 233, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 233, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 233, 251);  
box-shadow:4px 4px 4px 4px rgb(251, 233,  
251) }
```

# Background

The CSS property to change the background color of an element to XYZ 86.3352, 85.7521, 103.2682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 233, 251) }
```

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

```
.background{ background-color: rgb(251,  
233, 251) }
```

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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