

# Converting Colors

XYZ(82.7737, 81.5856, 95.3338)

Have a look what the booklet for  
XYZ(82.7737, 81.5856, 95.3338)  
contains.

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# Color

**XYZ(82.9204, 81.6730,  
95.3985)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FAE3F2
RGB	250, 227, 242
RGB Percent	98%, 89%, 95%
CMY	0.0196, 0.1098, 0.0510
CMYK	0.00, 0.09, 0.03, 0.02
HSL	321°, 70%, 94%
HSV	321°, 9%, 98%
XYZ	82.9204, 81.6730, 95.3985
YIQ	235.5870, 8.8930, 9.5410

# Conversions

## Conversions Part 2

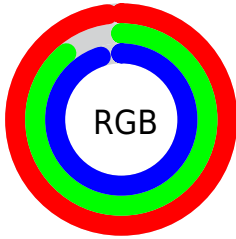
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	250, 227, 242
Decimal	16442354
CIE <sub>Lab</sub>	92.43, 10.39, -4.43
CIE <sub>LCh</sub>	92, 11.294, 336.914
Yxy	81.6730, 0.3189, 0.3141
Android (android.graphics.Color)	4294632434 (0xFFFAE3F2)
YUV	235.5870, 3.1616, 12.6402
Hunter-Lab	90.3731, 5.6269, 0.6742

# Details

The XYZ color **82.9204, 81.6730, 95.3985** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **80.8626, 90.7023, 91.8469**, and the grayscale version is **79.3870, 83.5213, 90.9547**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.6078, 44.3877, 52.6183** is the 20% darker color. If you saturate the color by 10%, you get **75.2982, 68.4686, 86.5661**, and if you desaturate by 10%, it is **91.6022, 96.8949, 104.8926**.

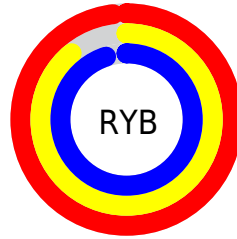
# Distribution



Red (98%)

Green (89%)

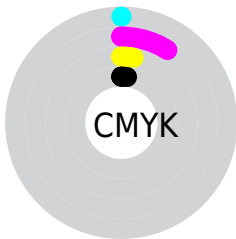
Blue (95%)



Red (98%)

Yellow (89%)

Blue (95%)

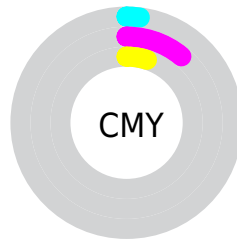


Cyan (0%)

Magenta (9%)

Yellow (3%)

Black (2%)



Cyan (2%)

Magenta (11%)


Yellow (5%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 82.9204, 81.6730, 95.3985 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 82.9204, 81.6730, 95.3985 by changing the saturation by 10% instead.




 82.9204, 81.6730,  
95.3985

 82.9204, 81.6730,  
95.3985


493.3091,  
500.5532, 566.4568

 62.4412, 61.0960,  
71.8680

136.3931,  
135.7153, 156.8153

 45.6462, 44.3027,  
52.5647

170.1172,  
169.9495, 195.5387

 32.1702, 30.9085,  
37.0700


208.9871,  
209.5049, 240.1635

 21.6477, 20.5292,  
24.9655

253.3680,  
254.7658, 291.1082

 13.7134, 12.7803,  
15.8326

303.6253,  
306.1167, 348.7913

 8.0020, 7.2774,  
9.2527

360.1243,

 4.1480, 3.6362,

363.9420, 413.6315

4.8073

423.2305,  
428.6260, 486.0471

■ 1.7862, 1.4722,  
2.0779

■ 0.5093, 0.2691,  
0.6026

■ 82.9204, 81.6730,  
95.3985

■ 82.9204, 81.6730,  
95.3985

■ 75.2982, 68.4686,  
86.5661

■ 91.6022, 96.8949,  
104.8926

■ 68.6851, 57.1856,  
78.3714

■ 93.2348, 99.0642,  
108.8150

■ 63.0370, 47.7357,  
70.7963

■ 58.3034, 40.0198,  
63.8197

■ 54.4293, 33.9291,  
57.4187

■ 51.3535, 29.3425,  
51.5683

■ 49.0060, 26.1218,  
46.2405

■ 47.3040, 24.1032,  
41.4028

■ 46.1228, 23.0382,  
37.0087

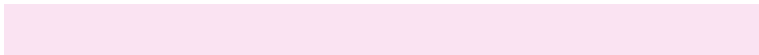
# Harmonies

## Analogous

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



81.0569, 81.6730, 102.4463



82.9204, 81.6730, 95.3985



83.3493, 81.6730, 87.0021

# Triad

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



82.9204, 81.6730, 95.3985



76.9523, 81.6730, 73.8690



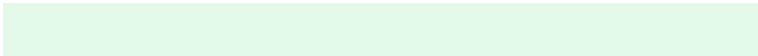
73.2147, 81.6730, 98.9632

# Complementary

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



82.9204, 81.6730, 95.3985



80.8626, 90.7023, 91.8469

# 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.



72.1742, 81.6730, 90.8821



82.9204, 81.6730, 95.3985



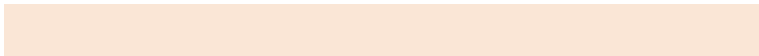
74.2967, 81.6730, 76.6546

# Square

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



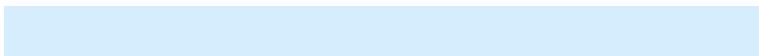
82.9204, 81.6730, 95.3985



79.8553, 81.6730, 74.9109



72.5652, 81.6730, 82.7569



75.4420, 81.6730, 104.5930

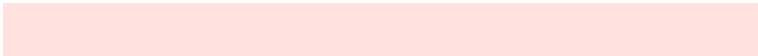


# Rectangle

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



82.9204, 81.6730, 95.3985



82.7545, 81.6730, 81.8306



72.5652, 81.6730, 82.7569



72.7172, 81.6730, 96.4244

# Sweetspot

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



82.9227, 81.6766, 95.4003



92.2323, 95.0456, 105.8616



78.8787, 79.4499, 101.6215



19.5840, 20.0673, 22.4872



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

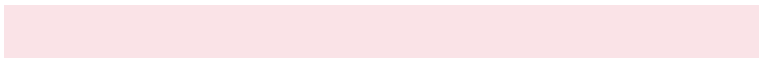
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.9227, 81.6766, 95.4003



85.2138, 82.7782, 98.0664



81.2965, 81.0261, 86.8366



17.7216, 17.4160, 20.3894



24.4905, 12.2119, 19.8230



2.3183, 1.1510, 2.0994



# Inverse Universe

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



82.9227, 81.6766, 95.4003



85.2138, 82.7782, 98.0664



82.5269, 91.3680, 100.6108



17.7216, 17.4160, 20.3894



24.4905, 12.2119, 19.8230

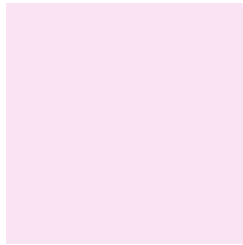


2.3183, 1.1510, 2.0994



# Previews

## White Background



This preview shows how the XYZ color 82.9204, 81.6730, 95.3985 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

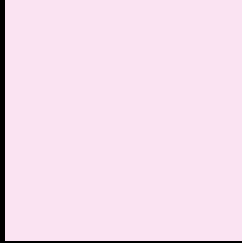
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 82.9204, 81.6730, 95.3985 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

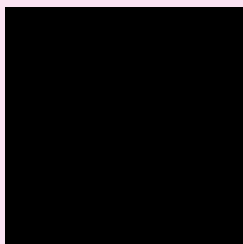
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 82.9204, 81.6730, 95.3985**

## **Background**



This preview shows how black text looks on a background with the XYZ color 82.9204, 81.6730, 95.3985.



This preview shows how white text looks on a background with the XYZ color 82.9204, 81.6730,

95.3985.

# 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

82.9204, 81.6730, 95.3985

### Protanopia

79.2697, 81.7982, 97.9969

### Deuteranopia

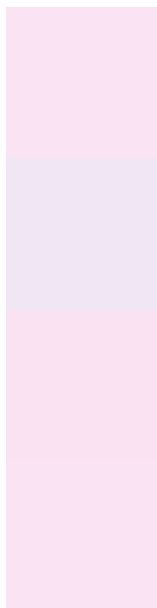
83.3683, 81.4990, 95.3413



## Tritanopia

83.2226, 81.7938, 96.9894

# Trichromacy



## Original Color

82.9204, 81.6730, 95.3985

## Protanomaly

80.5611, 81.6505, 97.1021

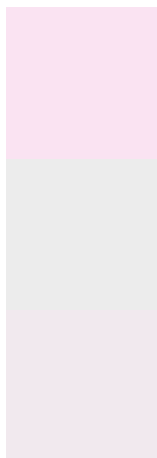
## Deuteranomaly

83.0070, 81.3127, 95.3244

## Tritanomaly

83.0711, 81.7332, 96.1918

# Monochromacy



## Original Color

82.9204, 81.6730, 95.3985

## Achromatopsia

79.7278, 83.8799, 91.3452

## Achromatomaly

80.8472, 83.1516, 92.6777

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 82.9204, 81.6730, 95.3985 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(250, 227, 242) looks like.

```
.text, #text, p{  
    color:rgb(250, 227, 242)  
}
```

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(250, 227, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 227, 242) }
```

## Border

The CSS property to change the border of an element to XYZ 82.9204, 81.6730, 95.3985 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(250, 227, 242) }
```



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

```
.border{ border-color:rgb(250, 227, 242) }
```

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

Here you see how a box with a 4 pixel rgb(250, 227, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 227, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 227, 242);  
box-shadow:4px 4px 4px 4px rgb(250, 227,  
242) }
```

# Background

The CSS property to change the background color of an element to XYZ 82.9204, 81.6730, 95.3985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 227, 242) }
```

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

```
.background{ background-color: rgb(250,  
227, 242) }
```

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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