

Converting Colors

XYZ(83.8319, 82.7407, 91.7627)

Have a look what the booklet for
XYZ(83.8319, 82.7407, 91.7627)
contains.

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Color

**XYZ(83.9025, 82.6721,
91.6559)**

Conversions

Conversions Part 1

Format	Color
Hex	FEE4ED
RGB	254, 228, 237
RGB Percent	100%, 89%, 93%
CMY	0.0039, 0.1059, 0.0706
CMYK	0.00, 0.10, 0.07, 0.00
HSL	339°, 93%, 95%
HSV	339°, 10%, 100%
XYZ	83.9025, 82.6721, 91.6559
YIQ	236.8000, 12.6070, 8.3110

Conversions

Conversions Part 2

Format	Color
RYB	254, 228, 237
Decimal	16704749
CIELab	92.87, 10.37, -1.13
CIELCh	93, 10.432, 353.764
Yxy	82.6721, 0.3249, 0.3201
Android (android.graphics.Color)	4294894829 (0xFFFE4ED)
YUV	236.8000, 0.0986, 15.0844
Hunter-Lab	90.9242, 5.5978, 3.8798

Details

The XYZ color **83.9025, 82.6721, 91.6559** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.9213, 93.9723, 100.1062**, and the grayscale version is **80.3369, 84.5207, 92.0431**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.3100, 45.0937, 49.9792** is the 20% darker color. If you saturate the color by 10%, you get **75.1066, 68.7851, 77.3002**, and if you desaturate by 10%, it is **93.9545, 98.7093, 107.5414**.

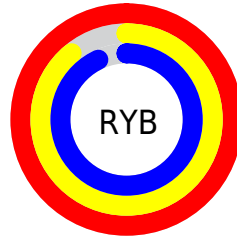
Distribution



Red (100%)

Green (89%)

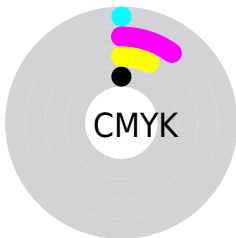
Blue (93%)



Red (100%)

Yellow (89%)

Blue (93%)

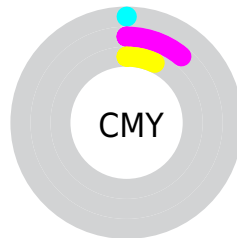


Cyan (0%)

Magenta (10%)

Yellow (7%)

Black (0%)



Cyan (0%)


Magenta (11%)

Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.9025, 82.6721, 91.6559 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 83.9025, 82.6721, 91.6559 by changing the saturation by 10% instead.


 83.9025, 82.6721,
91.6559

 83.9025, 82.6721,
91.6559


496.5280,
503.8931, 554.1113

 63.2544, 61.9197,
68.7734


137.7607,
137.1161, 151.5919

 46.3064, 44.9678,
50.0566


171.7016,
171.5765, 189.4826

 32.6934, 31.4321,
35.0869


210.8040,
211.3750, 233.2130

 22.0498, 20.9281,
23.4457

255.4335,
256.8960, 283.2018

 14.0103, 13.0714,
14.7146

305.9552,
308.5239, 339.8675

 8.2096, 7.4778,
8.4749

362.7346,

 4.2823, 3.7626,

366.6432, 403.6286

4.3082

426.1371,
431.6381, 474.9037

■ 1.8630, 1.5417,
1.7959

■ 0.5552, 0.3178,
0.4253

■ 83.9025, 82.6721,
91.6559

■ 83.9025, 82.6721,
91.6559

■ 75.1066, 68.7851,
77.3002

■ 93.9545, 98.7093,
107.5414

■ 67.5091, 56.9458,
64.4222

■ 94.6835, 99.8111,
108.8828

■ 61.0580, 47.0596,
52.9744

■ 55.6950, 39.0202,
42.9043

■ 51.3561, 32.7109,
34.1565

■ 47.9705, 28.0016,
26.6707

■ 45.4574, 24.7436,
20.3818

■ 43.7216, 22.7599,
15.2165

■ 42.6306, 21.7739,
11.1657

Harmonies

Analogous

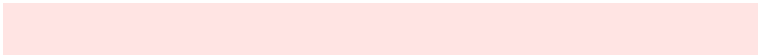
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.8803, 82.6721, 99.1816



83.9025, 82.6721, 91.6559



83.4715, 82.6721, 84.1027

Triad

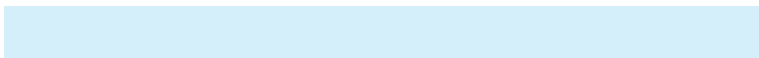
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.9025, 82.6721, 91.6559



76.4846, 82.6721, 76.9675



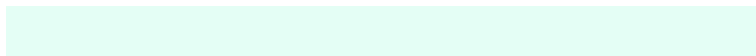
75.5203, 82.6721, 102.6715

Complementary

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



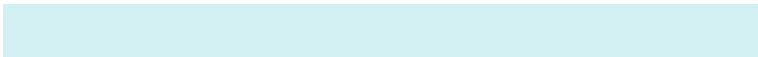
83.9025, 82.6721, 91.6559



83.9213, 93.9723, 100.1062

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.



73.8784, 82.6721, 96.1999



83.9025, 82.6721, 91.6559



74.4260, 82.6721, 81.4330

Square

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



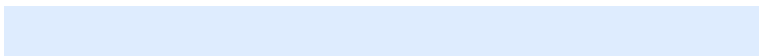
83.9025, 82.6721, 91.6559



79.1479, 82.6721, 75.9061



73.4824, 82.6721, 88.3955



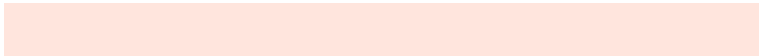
78.0095, 82.6721, 105.7739

Rectangle

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



83.9025, 82.6721, 91.6559



82.4229, 82.6721, 80.0292



73.4824, 82.6721, 88.3955



74.8533, 82.6721, 100.8006

Sweetspot

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



83.9048, 82.6757, 91.6577



91.8628, 94.8978, 103.9156



83.2570, 82.0410, 105.2143



19.4843, 20.0274, 21.9622



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

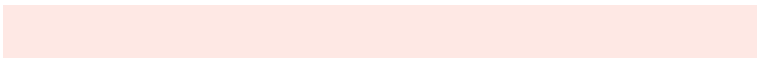
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.9048, 82.6757, 91.6577



82.9971, 80.7841, 89.8073



83.7079, 84.3328, 85.2692



18.2688, 18.0908, 20.0328



22.5375, 11.5043, 6.2149



2.2435, 1.1398, 0.8639

Inverse Universe

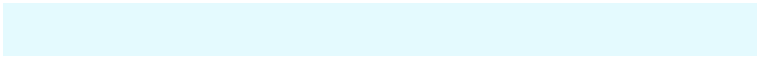
The Inverse Universe completely reimagines the original color for something new.



83.9048, 82.6757, 91.6577



82.9971, 80.7841, 89.8073



84.1037, 92.0854, 107.1084



18.2688, 18.0908, 20.0328



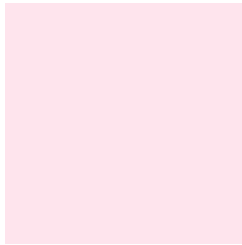
22.5375, 11.5043, 6.2149



2.2435, 1.1398, 0.8639

Previews

White Background



This preview shows how the XYZ color 83.9025, 82.6721, 91.6559 looks on a white background.

Color Contrast Check

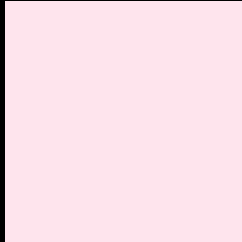
Large Text (above 18pt) WCAG AA × Fail

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 83.9025, 82.6721, 91.6559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

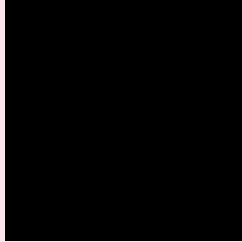
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 83.9025, 82.6721, 91.6559

Background



This preview shows how black text looks on a background with the XYZ color 83.9025, 82.6721, 91.6559.



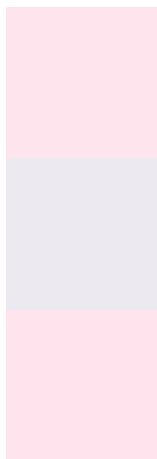
This preview shows how white text looks on a background with the XYZ color 83.9025, 82.6721,

91.6559.

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

83.9025, 82.6721, 91.6559

Protanopia

79.7921, 82.5736, 94.1709

Deuteranopia

84.2695, 82.8612, 91.6731



Tritanopia

85.1905, 82.7907, 97.8764

Trichromacy



Original Color

83.9025, 82.6721, 91.6559

Protanomaly

81.1180, 82.4385, 93.2982

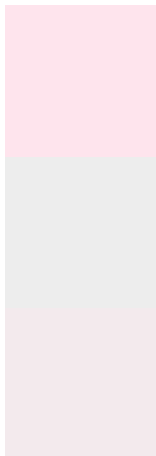
Deuteranomaly

84.2695, 82.8612, 91.6731

Tritanomaly

84.7361, 82.6090, 95.4835

Monochromacy



Original Color

83.9025, 82.6721, 91.6559

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

81.6710, 84.0147, 92.0327

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.9025, 82.6721, 91.6559 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, 228, 237) looks like.

```
.text, #text, p{  
    color:rgb(254, 228, 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(254, 228, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 228, 237) }
```

Border

The CSS property to change the border of an element to XYZ 83.9025, 82.6721, 91.6559 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, 228, 237) }
```


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

```
.border{ border-color:rgb(254, 228, 237) }
```

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

Here you see how a box with a 4 pixel rgb(254, 228, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 228, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 228, 237);  
box-shadow:4px 4px 4px 4px rgb(254, 228,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 83.9025, 82.6721, 91.6559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 228, 237) }
```

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

```
.background{ background-color: rgb(254,  
228, 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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