

# Converting Colors

XYZ(84.3677, 83.5259, 92.2034)

Have a look what the booklet for  
XYZ(84.3677, 83.5259, 92.2034)  
contains.

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# Color

**XYZ(84.6025, 83.8375,  
92.6121)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FEE6EE
RGB	254, 230, 238
RGB Percent	100%, 90%, 93%
CMY	0.0039, 0.0980, 0.0667
CMYK	0.00, 0.09, 0.06, 0.00
HSL	340°, 92%, 95%
HSV	340°, 9%, 100%
XYZ	84.6025, 83.8375, 92.6121
YIQ	238.0880, 11.7360, 7.5760

# Conversions

## Conversions Part 2

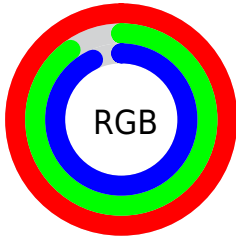
Format	Color
R <sub>Y</sub> B	254, 230, 238
Decimal	16705262
CIE Lab	93.38, 9.51, -0.91
CIE LCh	93, 9.549, 354.534
Yxy	83.8375, 0.3241, 0.3212
Android (android.graphics.Color)	4294895342 (0xFFFE6EE)
YUV	238.0880, -0.0434, 13.9548
Hunter-Lab	91.5628, 4.6961, 4.1245

# Details

The XYZ color **84.6025, 83.8375, 92.6121** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.7127, 94.3627, 100.9425**, and the grayscale version is **81.3321, 85.5678, 93.1833**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.6055, 45.5198, 50.5858** is the 20% darker color. If you saturate the color by 10%, you get **75.6705, 69.7693, 77.9306**, and if you desaturate by 10%, it is **94.6736, 99.8071, 108.8303**.

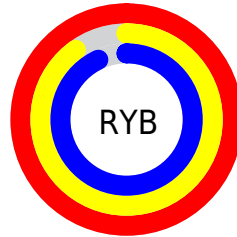
# Distribution



Red (100%)

Green (90%)

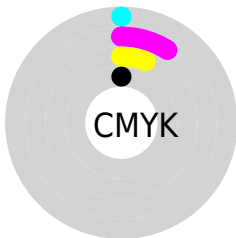
Blue (93%)



Red (100%)

Yellow (90%)

Blue (93%)

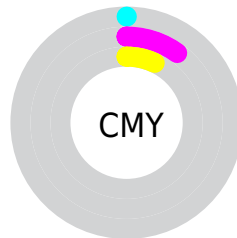


Cyan (0%)

Magenta (9%)

Yellow (6%)

Black (0%)



Cyan (0%)

Magenta (10%)


Yellow (7%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 84.6025, 83.8375, 92.6121 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 84.6025, 83.8375, 92.6121 by changing the saturation by 10% instead.



 84.6025, 83.8375,  
92.6121

 84.6025, 83.8375,  
92.6121


498.8153,  
507.7735, 557.2796

 63.8344, 62.8813,  
69.5633


138.7346,  
138.7478, 152.9285

 46.7777, 45.7452,  
50.6960


172.8292,  
173.4708, 191.0332

 33.0672, 32.0448,  
35.5917


212.0968,  
213.5513, 234.9935

 22.3374, 21.3957,  
23.8318

256.9026,  
259.3740, 285.2281

 14.2230, 13.4136,  
14.9979

307.6120,  
311.3232, 342.1555

 8.3587, 7.7139,  
8.6713

364.5903,

 4.3790, 3.9125,

369.7832, 406.1942

4.4335

428.2030,  
435.1385, 477.7627

■ 1.9187, 1.6247,  
1.8661

■ 0.5877, 0.3742,  
0.4710

■ 84.6025, 83.8375,  
92.6121

■ 84.6025, 83.8375,  
92.6121

■ 75.6705, 69.7693,  
77.9306

94.6736, 99.8071,  
108.8303

■ 67.9494, 57.7596,  
64.7750

94.6836, 99.8111,  
108.8829

■ 61.3873, 47.7142,  
53.0958

■ 55.9256, 39.5274,  
42.8390

■ 51.5005, 33.0831,  
33.9466

■ 48.0412, 28.2524,  
26.3565

■ 45.4674, 24.8881,  
20.0010

■ 43.6847, 22.8155,  
14.8046

■ 42.5514, 21.7666,  
10.6728

# Harmonies

## Analogous

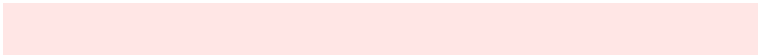
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.6938, 83.8375, 99.5690



84.6025, 83.8375, 92.6121



84.1712, 83.8375, 85.6474

# Triad

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



84.6025, 83.8375, 92.6121



77.6915, 83.8375, 79.2426



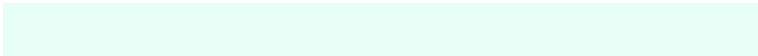
76.9086, 83.8375, 103.0503

# Complementary

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



84.6025, 83.8375, 92.6121



84.7127, 94.3627, 100.9425

# Split Complementary

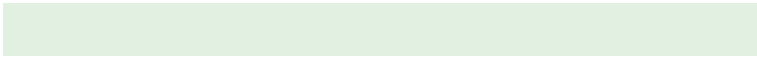
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.3611, 83.8375, 97.1643



84.6025, 83.8375, 92.6121



75.8064, 83.8375, 83.4733

# Square

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



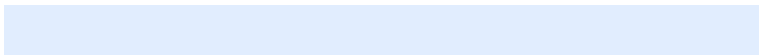
84.6025, 83.8375, 92.6121



80.1472, 83.8375, 78.1657



74.9619, 83.8375, 89.9702



79.2247, 83.8375, 105.7953

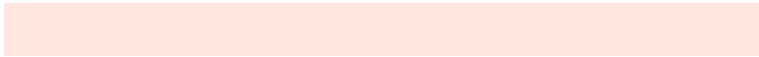


# Rectangle

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



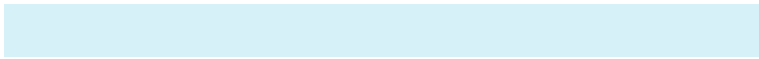
84.6025, 83.8375, 92.6121



83.1864, 83.8375, 81.9013



74.9619, 83.8375, 89.9702



76.2833, 83.8375, 101.3589

# Sweetspot

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



84.6049, 83.8412, 92.6139



91.8474, 94.8916, 103.8346



84.1952, 83.3461, 105.4170



19.4802, 20.0258, 21.9404



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

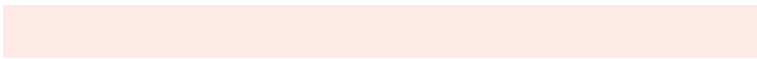
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.6049, 83.8412, 92.6139



83.8789, 82.2442, 91.0368



84.5816, 85.6332, 86.9382



18.2590, 18.0869, 19.9810



22.4664, 11.4759, 5.8408



2.2357, 1.1367, 0.8229



# Inverse Universe

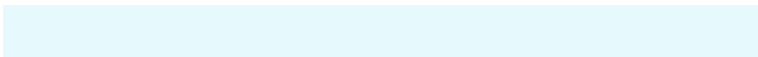
The Inverse Universe completely reimagines the original color for something new.



84.6049, 83.8412, 92.6139



83.8789, 82.2442, 91.0368



84.7109, 92.3524, 107.1282



18.2590, 18.0869, 19.9810



22.4664, 11.4759, 5.8408

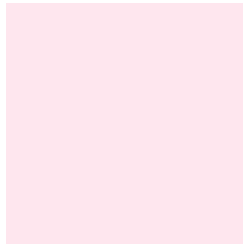


2.2357, 1.1367, 0.8229



# Previews

## White Background



This preview shows how the XYZ color 84.6025, 83.8375, 92.6121 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

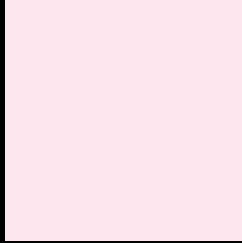
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 84.6025, 83.8375, 92.6121 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

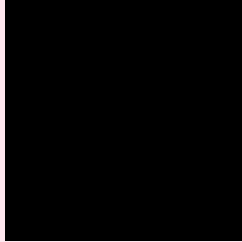
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 84.6025, 83.8375, 92.6121

## Background



This preview shows how black text looks on a background with the XYZ color 84.6025, 83.8375, 92.6121.



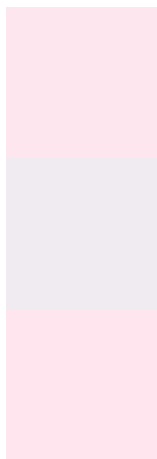
This preview shows how white text looks on a background with the XYZ color 84.6025, 83.8375,

92.6121.

# 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

84.6025, 83.8375, 92.6121

### Protanopia

81.1821, 84.1183, 95.1768

### Deuteranopia

84.9694, 84.0267, 92.6293



## Tritanopia

85.8939, 83.9524, 98.8661

# Trichromacy



## Original Color

84.6025, 83.8375, 92.6121

## Protanomaly

82.1753, 83.8022, 94.2824

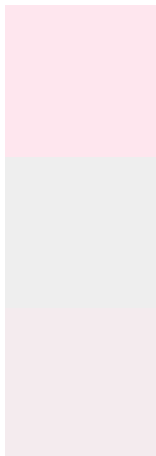
## Deuteranomaly

84.9694, 84.0267, 92.6293

## Tritanomaly

85.4370, 83.7697, 96.4602

# Monochromacy



## Original Color

84.6025, 83.8375, 92.6121

## Achromatopsia

81.2670, 85.4993, 93.1087

## Achromatomaly

82.4492, 84.8228, 92.9158

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 84.6025, 83.8375, 92.6121 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, 230, 238) looks like.

```
.text, #text, p{  
    color:rgb(254, 230, 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(254, 230, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 230, 238) }
```

## Border

The CSS property to change the border of an element to XYZ 84.6025, 83.8375, 92.6121 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, 230, 238) }
```



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

```
.border{ border-color:rgb(254, 230, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 230, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(254, 230, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(254, 230, 238); box-shadow:4px 4px 4px 4px rgb(254, 230, 238) }
```

# Background

The CSS property to change the background color of an element to XYZ 84.6025, 83.8375, 92.6121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 230, 238) }
```

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

```
.background{ background-color: rgb(254,  
230, 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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