

Converting Colors

XYZ(84.6869, 83.6913, 91.8269)

Have a look what the booklet for
XYZ(84.6869, 83.6913, 91.8269)
contains.

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Color

**XYZ(84.8229, 83.9681,
91.8576)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE6ED
RGB	255, 230, 237
RGB Percent	100%, 90%, 93%
CMY	0.0000, 0.0980, 0.0706
CMYK	0.00, 0.10, 0.07, 0.00
HSL	343°, 100%, 95%
HSV	343°, 10%, 100%
XYZ	84.8229, 83.9681, 91.8576
YIQ	238.2730, 12.6530, 7.4770

Conversions

Conversions Part 2

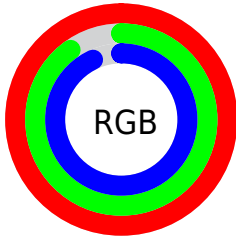
Format	Color
R _Y B	255, 230, 237
Decimal	16770797
CIE Lab	93.44, 9.68, -0.30
CIE LCh	93, 9.682, 358.250
Yxy	83.9681, 0.3254, 0.3222
Android (android.graphics.Color)	4294960877 (0xFFFFE6ED)
YUV	238.2730, -0.6276, 14.6696
Hunter-Lab	91.6341, 4.8723, 4.7093

Details

The XYZ color **84.8229, 83.9681, 91.8576** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.3391, 95.1216, 102.6730**, and the grayscale version is **81.4791, 85.7223, 93.3516**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.7652, 45.6141, 50.0557** is the 20% darker color. If you saturate the color by 10%, you get **75.6920, 69.7822, 76.2487**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

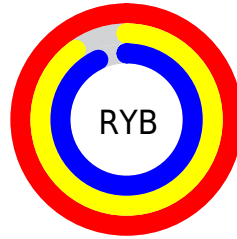
Distribution



Red (100%)

Green (90%)

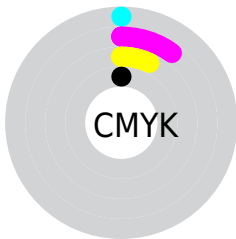
Blue (93%)



Red (100%)

Yellow (90%)

Blue (93%)

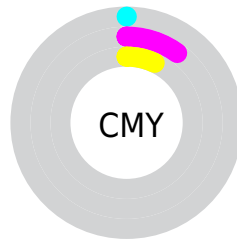


Cyan (0%)

Magenta (10%)

Yellow (7%)

Black (0%)



Cyan (0%)


Magenta (10%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.8229, 83.9681, 91.8576 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 84.8229, 83.9681, 91.8576 by changing the saturation by 10% instead.


 84.8229, 83.9681,
91.8576

 84.8229, 83.9681,
91.8576


499.5344,
508.2073, 554.7805

 64.0171, 62.9891,
68.9400


139.0410,
138.9306, 151.8740

 46.9262, 45.8324,
50.1914


173.1840,
173.6828, 189.8099

 33.1850, 32.1136,
35.1932


212.5034,
213.7949, 233.5889

 22.4281, 21.4483,
23.5270

257.3646,
259.6513, 283.6296

 14.2902, 13.4521,
14.7742

308.1330,
311.6363, 340.3506

 8.4058, 7.7406,
8.5162

365.1738,

 4.4097, 3.9294,

370.1344, 404.1704

4.3345

428.8525,
435.5299, 475.5075

■ 1.9364, 1.6341,
1.8106

■ 0.5979, 0.3805,
0.4349

■ 84.8229, 83.9681,
91.8576

■ 84.8229, 83.9681,
91.8576

■ 75.6920, 69.7822,
76.2487

95.0500, 100.0000,
108.9000

■ 67.8189, 57.6857,
62.3728

■ 61.1488, 47.5823,
50.1703

■ 55.6203, 39.3640,
39.5759

■ 51.1666, 32.9126,
30.5199

■ 47.7136, 28.0963,
22.9271

■ 45.1775, 24.7647,
16.7155

■ 43.4592, 22.7389,
11.7934

■ 42.4066, 21.7354,
8.0461

Harmonies

Analogous

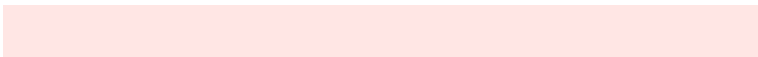
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.0616, 83.9681, 99.0353



84.8229, 83.9681, 91.8576



84.2171, 83.9681, 84.9256

Triad

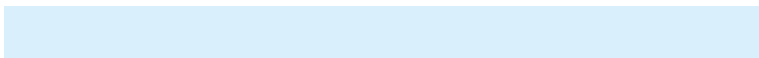
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.8229, 83.9681, 91.8576



77.5056, 83.9681, 79.5805



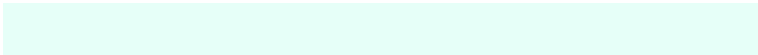
77.2508, 83.9681, 103.9254

Complementary

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



84.8229, 83.9681, 91.8576



85.3391, 95.1216, 102.6730

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.



75.5578, 83.9681, 98.2519



84.8229, 83.9681, 91.8576



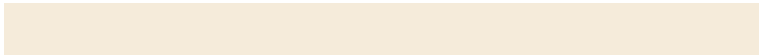
75.7026, 83.9681, 84.2187

Square

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



84.8229, 83.9681, 91.8576



79.9594, 83.9681, 78.0679



74.9970, 83.9681, 90.9977



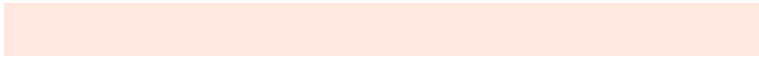
79.6591, 83.9681, 106.2293

Rectangle

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



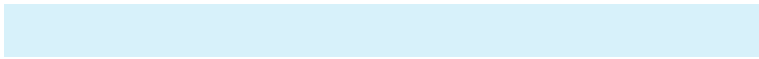
84.8229, 83.9681, 91.8576



83.1266, 83.9681, 81.3232



74.9970, 83.9681, 90.9977



76.5811, 83.9681, 102.3348

Sweetspot

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



84.8248, 83.9715, 91.8594



91.7835, 94.8660, 103.4982



85.0310, 83.7586, 106.2931



19.4630, 20.0189, 21.8498



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

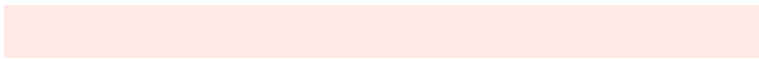
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.8248, 83.9715, 91.8594



82.7062, 80.6677, 88.2756



85.3529, 86.6318, 87.0904



18.2183, 18.0706, 19.7667



22.2036, 11.3707, 4.4568



2.2060, 1.1248, 0.6664

Inverse Universe

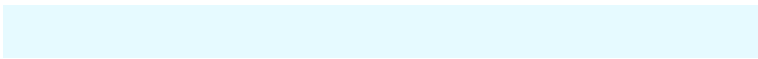
The Inverse Universe completely reimagines the original color for something new.



84.8248, 83.9715, 91.8594



82.7062, 80.6677, 88.2756



84.7418, 92.1574, 107.9295



18.2183, 18.0706, 19.7667



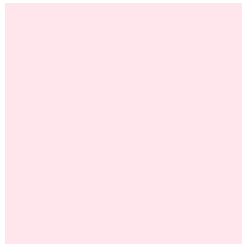
22.2036, 11.3707, 4.4568



2.2060, 1.1248, 0.6664

Previews

White Background



This preview shows how the XYZ color 84.8229, 83.9681, 91.8576 looks on a white background.

Color Contrast Check

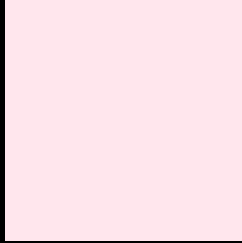
Large Text (above 18pt) WCAG AA × Fail

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 84.8229, 83.9681, 91.8576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

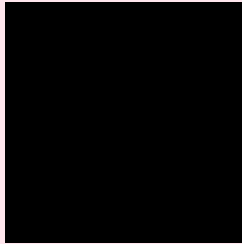
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 84.8229, 83.9681, 91.8576

Background



This preview shows how black text looks on a background with the XYZ color 84.8229, 83.9681, 91.8576.



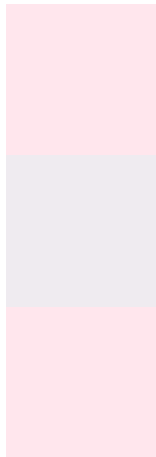
This preview shows how white text looks on a background with the XYZ color 84.8229, 83.9681,

91.8576.

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

84.8229, 83.9681, 91.8576

Protanopia

81.0331, 84.0587, 94.3921

Deuteranopia

84.8229, 83.9681, 91.8576



Tritanopia

85.8939, 83.9524, 98.8661

Trichromacy



Original Color

84.8229, 83.9681, 91.8576

Protanomaly

82.3751, 83.9223, 93.5183

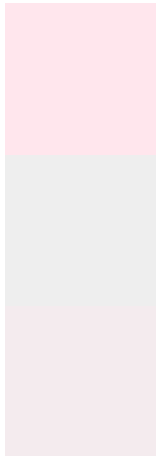
Deuteranomaly

84.8229, 83.9681, 91.8576

Tritanomaly

85.4370, 83.7697, 96.4602

Monochromacy



Original Color

84.8229, 83.9681, 91.8576

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 84.8229, 83.9681, 91.8576 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, 230, 237)` looks like.

```
.text, #text, p{  
    color:rgb(255, 230, 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, 230, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 230, 237) }
```

Border

The CSS property to change the border of an element to XYZ 84.8229, 83.9681, 91.8576 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, 230, 237) }
```


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

```
.border{ border-color:rgb(255, 230, 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, 230, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 230, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 230, 237);  
box-shadow:4px 4px 4px 4px rgb(255, 230,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 84.8229, 83.9681, 91.8576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 230, 237) }
```

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

```
.background{ background-color: rgb(255,  
230, 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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