

Converting Colors

XYZ(84.1096, 81.5753, 94.5987)

Have a look what the booklet for XYZ(84.1096, 81.5753, 94.5987) contains.

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Color

**XYZ(84.0424, 81.4613,
94.5132)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE1F1
RGB	255, 225, 241
RGB Percent	100%, 88%, 95%
CMY	0.0000, 0.1176, 0.0549
CMYK	0.00, 0.12, 0.05, 0.00
HSL	328°, 100%, 94%
HSV	328°, 12%, 100%
XYZ	84.0424, 81.4613, 94.5132
YIQ	235.7940, 12.7440, 11.3360

Conversions

Conversions Part 2

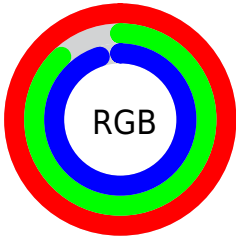
Format	Color
R_{YB}	255, 225, 241
Decimal	16769521
CIE _{Lab}	92.34, 12.94, -4.00
CIE _{LCh}	92, 13.542, 342.836
Yxy	81.4613, 0.3232, 0.3133
Android (android.graphics.Color)	4294959601 (0xFFFFE1F1)
YUV	235.7940, 2.5666, 16.8437
Hunter-Lab	90.2559, 8.2636, 1.0925

Details

The XYZ color **84.0424, 81.4613, 94.5132** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82.3938, 93.7608, 95.4198**, and the grayscale version is **79.5471, 83.6898, 91.1381**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.4204, 44.2580, 51.9950** is the 20% darker color. If you saturate the color by 10%, you get **75.9369, 68.0028, 83.3259**, and if you desaturate by 10%, it is **93.2971, 97.0317, 106.6589**.

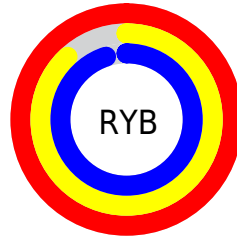
Distribution



Red (100%)

Green (88%)

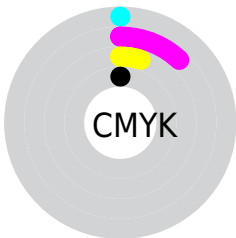
Blue (95%)



Red (100%)

Yellow (88%)

Blue (95%)

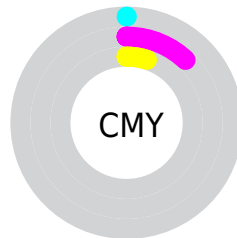


Cyan (0%)

Magenta (12%)

Yellow (5%)

Black (0%)



Cyan (0%)


Magenta (12%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.0424, 81.4613, 94.5132 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 84.0424, 81.4613, 94.5132 by changing the saturation by 10% instead.

 84.0424, 81.4613,
94.5132

 84.0424, 81.4613,
94.5132


496.9856,
499.8440, 563.5498

 63.3703, 60.9216,
71.1352


137.9554,
135.4183, 155.5817

 46.4006, 44.1619,
51.9700

171.9271,
169.6044, 194.1093

 32.7680, 30.7978,
36.5991

211.0625,
209.1081, 238.5238

 22.1072, 20.4449,
24.6039

255.7273,
254.3137, 289.2439

 14.0527, 12.7189,
15.5659

306.2866,
305.6057, 346.6880

 8.2393, 7.2353,
9.0665

363.1058,

 4.3015, 3.6097,

363.3685, 411.2746

4.6872

426.5504,
427.9865, 483.4224

■ 1.8741, 1.4577,
2.0094

■ 0.5617, 0.2587,
0.5610

■ 84.0424, 81.4613,
94.5132

■ 84.0424, 81.4613,
94.5132

■ 75.9369, 68.0028,
83.3259

■ 93.2971, 97.0317,
106.6589

■ 68.9275, 56.5545,
73.0650

95.0500, 100.0000,
108.9000

■ 62.9649, 47.0211,
63.7040

■ 57.9937, 39.2954,
55.2129

■ 53.9531, 33.2598,
47.5596

■ 50.7752, 28.7825,
40.7092

■ 48.3821, 25.7119,
34.6227

■ 46.6805, 23.8654,
29.2560

■ 45.6832, 23.0373,
25.3275

Harmonies

Analogous

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



82.0972, 81.4613, 103.6092



84.0424, 81.4613, 94.5132



84.1815, 81.4613, 84.4805

Triad

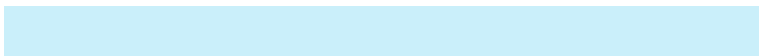
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.0424, 81.4613, 94.5132



75.9397, 81.4613, 71.1867



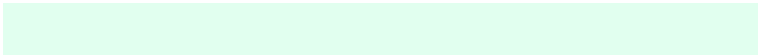
72.5913, 81.4613, 102.4707

Complementary

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



84.0424, 81.4613, 94.5132



82.3938, 93.7608, 95.4198

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.



71.0429, 81.4613, 93.0526



84.0424, 81.4613, 94.5132



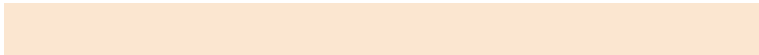
72.9365, 81.4613, 75.2900

Square

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



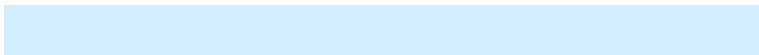
84.0424, 81.4613, 94.5132



79.4314, 81.4613, 71.5128



71.1673, 81.4613, 83.1254



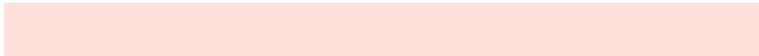
75.4556, 81.4613, 108.4357

Rectangle

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



84.0424, 81.4613, 94.5132



83.2252, 81.4613, 78.6430



71.1673, 81.4613, 83.1254



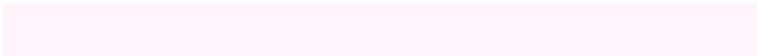
71.9036, 81.4613, 99.5744

Sweetspot

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



84.0442, 81.4646, 94.5149



91.1249, 93.3610, 103.8573



80.5745, 79.4249, 105.6916



19.3510, 19.7242, 22.0305



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

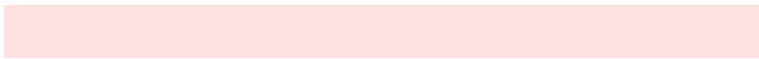
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.0442, 81.4646, 94.5149



82.1323, 78.2727, 91.9292



81.8951, 80.6049, 83.1976



18.4143, 18.1490, 20.7989



23.9467, 12.0680, 13.6355



2.3868, 1.1971, 1.6184

Inverse Universe

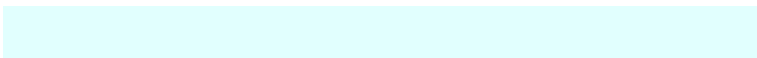
The Inverse Universe completely reimagines the original color for something new.



84.0442, 81.4646, 94.5149



82.1323, 78.2727, 91.9292



84.7026, 94.6843, 107.5777



18.4143, 18.1490, 20.7989



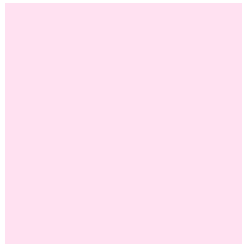
23.9467, 12.0680, 13.6355



2.3868, 1.1971, 1.6184

Previews

White Background



This preview shows how the XYZ color 84.0424, 81.4613, 94.5132 looks on a white background.

Color Contrast Check

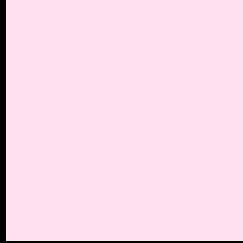
Large Text (above 18pt) WCAG AA × Fail

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 84.0424, 81.4613, 94.5132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

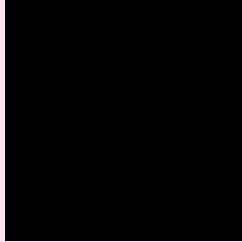
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 84.0424, 81.4613, 94.5132

Background



This preview shows how black text looks on a background with the XYZ color 84.0424, 81.4613, 94.5132.



This preview shows how white text looks on a background with the XYZ color 84.0424, 81.4613,

94.5132.

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

84.0424, 81.4613, 94.5132

Protanopia

79.2697, 81.7982, 97.9969

Deuteranopia

83.2184, 81.4390, 94.5523



Tritanopia

84.1922, 81.5212, 95.3022

Trichromacy



Original Color

84.0424, 81.4613, 94.5132

Protanomaly

80.9664, 81.4475, 97.0415

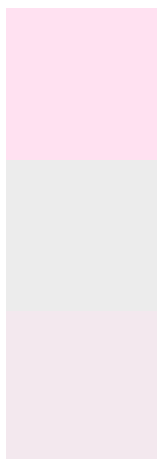
Deuteranomaly

83.5816, 81.6262, 94.5693

Tritanomaly

84.1922, 81.5212, 95.3022

Monochromacy



Original Color

84.0424, 81.4613, 94.5132

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

81.2514, 82.9410, 92.6157

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.0424, 81.4613, 94.5132 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, 225, 241)` looks like.

```
.text, #text, p{  
    color:rgb(255, 225, 241)  
}
```

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, 225, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 225, 241) }
```

Border

The CSS property to change the border of an element to XYZ 84.0424, 81.4613, 94.5132 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, 225, 241) }
```


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

```
.border{ border-color:rgb(255, 225, 241) }
```

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

Here you see how a box with a 4 pixel rgb(255, 225, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 225, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 225, 241);  
box-shadow:4px 4px 4px 4px rgb(255, 225,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 84.0424, 81.4613, 94.5132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 225, 241) }
```

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

```
.background{ background-color: rgb(255,  
225, 241) }
```

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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